

# Recombinant human E3 ubiquitin-protein ligase TRIM9

Catalog No: #AP71581

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Package Size: #AP71581-1 20ug #AP71581-2 100ug #AP71581-3 1mg

## Description

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| Product Name          | Recombinant human E3 ubiquitin-protein ligase TRIM9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Brief Description     | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Host Species          | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purification          | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen Description | Expression Region:1-550aSequence Info:Full Length of isoform 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Other Names           | RING finger protein 91Tripartite motif-containing protein 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Accession No.         | Q9C026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Uniprot               | Q9C026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| GeneID                | 114088;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Calculated MW         | 77.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Tag Info              | N-terminal 6xHis-SUMO-tagged                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Target Sequence       | MEEMEEELKCPVCGSFYREPIILPCSHNLCQACARNILVQTPESESPQSHRAAGSGVSDYDYLDLDMKSLYSE<br>ADSGYGSYGGFASAPTPCQKSPNGVRVFPPAMPPPATHLSPALAPVPRNSCITCPQCHRSLILDDRGLRGF<br>PKNRVLEGVIDRYQQSKAAALKCQLCEKAPKEATVMCEQCDVFYCDPCRLRCHPPRGPLAKHRLVPPAQGR<br>VSRRLSPRKVSTCTDHELENHSMYCVQCKMPVCYQCLEEGKHSSHEVKALGAMWKLHKSQLSQALNGLSD<br>RAKEAKEFLVQLRNMVQQIQENSVEFEACLVAQCDALIDALNRRKAQLLARVNKEHEHKLKVVRDQISHCTVK<br>LRQTTGLMEYCLEVIKENDPSGFLQISDALIRRVHLTEDQWGKGTLPTRMTTDFDLSLDNSPLLQSIHQLDVFQ<br>VKASSPVPATPILQLEECCTHNSATLSWKQPPLSTVPADGYILELDDGNGGQFREVYVGKETMCTVDGLHF<br>NSTYNARVKAFNKTGVSPYSKTLVLQTSEKALQQYPSERELRGI |
| Formulation           | Tris-based buffer50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Storage               | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br><br>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                 |

## Background

E3 ubiquitin-protein ligase which ubiquitinates itself in cooperation with an E2 enzyme UBE2D2,UBC4 and serves as a targeting signal for proteasomal degradation. May play a role in regulation of neuronal functions and may also participate in the formation or breakdown of abnormal inclusions in neurodegenerative disorders. May act as a regulator of synaptic vesicle exocytosis by controlling the availability of SNAP25 for the SNARE complex formation.

## References

The tripartite motif family identifies cell compartments.Reymond A., Meroni G., Fantozzi A., Merla G., Cairo S., Luzi L., Riganelli D., Zanaria E., Messali S., Cainarca S., Guffanti A., Minucci S., Pelicci P.G., Ballabio A.EMBO J. 20:2140-2151(2001)Research Topic:Epigenetics and Nuclear

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Note: This product is for in vitro research use only