

Recombinant Human Dynamin-1(DNM1) ,partial

Catalog No: #AP70239

Package Size: #AP70239-1 20ug #AP70239-2 100ug #AP70239-3 1mg

Description

Product Name	Recombinant Human Dynamin-1(DNM1) ,partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-245aaSequence Info:Partial
Accession No.	Q05193
Calculated MW	42.7 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	GNRGMEDLIPLVNRLQDAFSAIGQNADLDLPQIAVVGGSAGKSSVLENFVGRDFLPRGSGIVTRRPLVLQLV NATTEYAEFLHCKGKKFTDFEEVRLEIAETDRVTGTNKGISPVPINLRVYSPHVLNLTLDLPGMTKVPVGDQ PPDIEFQIRDMLMQFVTKENCLILAVSPANSDLANSALKVAKEVDPQGQRTIGVITKLDLMDEGTDARDVLEN KLLPLRRGYIGVVNRSQKDIDGK
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. 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

Microtubule-associated force-producing protein involved in producing microtubule bundles and able to bind and hydrolyze GTP. Most probably involved in vesicular trafficking processes. Involved in receptor-mediated endocytosis.

References

Myosin 1E interacts with synaptojanin-1 and dynamin and is involved in endocytosis.Krendel M., Osterweil E.K., Mooseker M.S.FEBS Lett. 581:644-650(2007)Research Topic:Neuroscience

Note: This product is for in vitro research use only and is not intended for use in humans or animals.