

Recombinant Human Pro-neuregulin-2, membrane-bound isoform(NRG2),partial

Catalog No: #AP73733

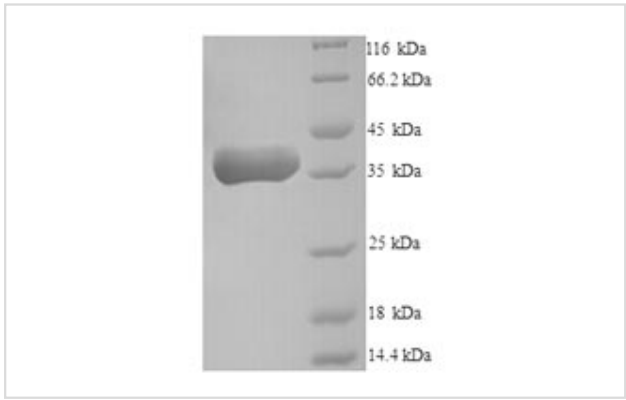
Package Size: #AP73733-1 20ug #AP73733-2 100ug #AP73733-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Pro-neuregulin-2, membrane-bound isoform(NRG2),partial
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:112-405aaSequence Info:Extracellular Domain
Other Names	Divergent of neuregulin-1 Short name: DON-1 Neural- and thymus-derived activator for ERBB kinases Short name: NTAK
Accession No.	O14511
Uniprot	O14511
GeneID	9542;
Calculated MW	34.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	CYSPSLKSVQDQAYKAPVVVEGKVQGLVPAGGSSSNSTREPPASGRVALVKVLDKWPLRSGGLQREQVISV GSCVPLERNQRYIFFLEPTEQPLVFKTAFAPLDTNGKNLKEVGKILCTDCATRPKLKMKMQTGGVGEKQSL KCEAAAGNPQPSYRWFKDGGKELNRSRDIRIKYGNGRKNSRLQFNKVKVEDAGEYVCEAENILGKDTVGRGLY VNSVSTTLSSWSGHARKCNETAKSYCVNGGVCYYIEGINQLSCKCPNGFFGQRCLEKLPLRLYMPDPKQKAE ELYQKR
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.

Images



Background

Direct ligand for ERBB3 and ERBB4 tyrosine kinase receptors. Concomitantly recruits ERBB1 and ERBB2 coreceptors, resulting in ligand-stimulated tyrosine phosphorylation and activation of the ERBB receptors. May also promote the heterodimerization with the EGF receptor.

References

"A novel brain-derived member of the epidermal growth factor family that interacts with ErbB3 and ErbB4." Higashiyama S., Horikawa M., Yamada K., Ichino N., Nakano N., Nakagawa T., Miyagawa J., Matsushita N., Nagatsu T., Taniguchi N., Ishiguro H.J. *Biochem. 122:675-680(1997)* Research Topic: Neuroscience

Note: This product is for in vitro research use only