

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



Catalog No: #AP73733

Orders: order@abscitech.com

Package Size: #AP73733-1 10ug #AP73733-2 50ug #AP73733-3 100ug #AP73733-4 200ug #AP73733-5 500ug #AP73733-6 1mg

Support: tech@abscitech.com

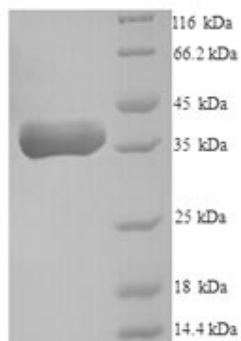
Description

Product Name	Recombinant Human Pro-neuregulin-2, membrane-bound isoform(NRG2),partial
Brief Description	Recombinant Protein
Host Species	Yeast
Target Name	NRG2
Other Names	Divergent of neuregulin-1 Short name: DON-1 Neural- and thymus-derived activator for ERBB kinases Short name: NTAK
Accession No.	Uniprot ID: O14511
Target Species	Hu
SDS-PAGE MW	34.76kDa
Target Length	Extracellular Domain,112-405aa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	CYSPSLKSVQDQAYKAPVVVEGKVQGLVPAGGSSSNSTREPPASGRVALVKVLDKWPLRSGGLQREQVISV GSCVPLERNQRYIFFLEPTEQPLVFKTAFAPLDTNGKNLKEVGKILCTDCATRPKLLKMKSQTGQVGEKQSL KCEAAAGNPQPSYRWFKDGKELNRSRDIRIKYGNRKNRLQFNKVKVEDAGEYVCEAENILGKDTVGRGLY VNSVSTTLSSWSGHARKCNETAKSYCVNGGVCYYIEGINQLSCKCPNGFFGQRCLEKLPLRLYMPDPKQKAE ELYQKR
Formulation	Tris-based buffer,50% 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.

Application Details

Greater than 90% as determined by SDS-PAGE.

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)

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