

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

Catalog No: #AP70598

Package Size: #AP70598-1 20ug #AP70598-2 100ug #AP70598-3 1mg



Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Pro-neuregulin-2, membrane-bound isoform(NRG2),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:112-405aaSequence Info:Extracellular Domain
Other Names	Divergent of neuregulin-1 ;DON-1Neural- and thymus-derived activator for ERBB kinases ;NTAK
Accession No.	O14511
Calculated MW	48.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	CYSPSLKSVQDQAYKAPVVVEGKVQGLVPAGGSSSNSTREPPASGRVALVKVLDKWPLRSGGLQREQVISV GSCVPLERNQRYIFFLEPTEQPLVFKTAFAPLDTNGKNLKEVGKILCTDCATRPKLKKMKMQTGGQVGEKQSL KCEAAAGNPQPSYRWFKDGGKELNRSRDIRIKYGNRKNLSRLQFNKVKVEDAGEYVCEAENILGKDTVGRRLY 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.

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

Ligand discrimination in signaling through an ErbB4 receptor homodimer.Sweeney C., Lai C., Riese D.J. II, Diamonti A.J., Cantley L.C., Carraway K.L. IIIJ. Biol. Chem. 275:19803-19807(2000) Research Topic:Neuroscience

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