

Pro-neuregulin-3 Recombinant Protein | NRG3 recombinant protein

Recombinant Human Pro-neuregulin-3, membrane-bound isoform

CATALOG # AAA81698	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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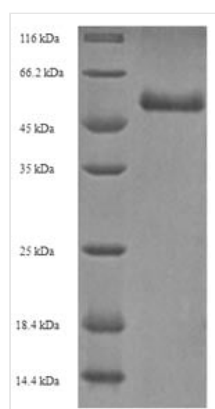
PRODUCT SYNONYMS

Pro-neuregulin-3; Recombinant Human Pro-neuregulin-3; membrane-bound isoform; Pro-NRG3; NRG3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-360aa; Extracellular Domain
Sequence	MSEGAAAASP PGAASAAAAS AEEGTAAAAA AAAAGGGPDG GGEGAAEPPR ELRCSDCIVW NRQQTWLCVV PLFIGFIGLG LSLMLLKWIV VGSVKEYVPT DLVDSKGMGQ DPFFLSKPSS FPKAMETTTT TTSTTSPATP SAGGAASSRT PNRISTRITT ITRAPTRFPG HRVPIRASPR STTARNTAAP ATPSTTAPF FSSSTLGSRP PVPGTPSTQA MPSWPTAAYA TSSYLHDSTP SWTLSPFQDA ASSSSSSSSS ATTTTPETST SPKFHTTTYS TERSEHFKPC RDKDLAYCLN DGECFVIETL TGSHKHCRCK EGYQGVRCQDQ FLPKTDLSILS DPTDHLGIEF MESEEVYQRQ
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for NRG3 recombinant protein	Direct ligand for the ERBB4 tyrosine kinase receptor. Binding results in ligand-stimulated tyrosine phosphorylation and activation of the receptor. Does not bind to the EGF receptor, ERBB2 or ERBB3 receptors. May be a survival factor for oligodendrocytes
Product Categories/Family for NRG3 recombinant protein	Cancer

References	"Neuregulin-3 (NRG3): a novel neural tissue-enriched protein that binds and activates ErbB4." Zhang D., Sliwkowski M.X., Mark M., Frantz G., Akita R., Sun Y., Hillan K., Crowley C., Brush J., Godowski P.J. Proc. Natl. Acad. Sci. U.S.A. 94:9562-9567(1997)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66730481
NCBI GeneID	10718
NCBI Accession #	NP_001010848.2
NCBI GenBank Nucleotide #	NM_001010848.3
UniProt Accession #	P56975; Q0PEH2; Q5VYH3; A4D7U1
Molecular Weight	53.8 kDa
NCBI Official Synonym Full Names	neuregulin 3
NCBI Official Symbol	NRG3
NCBI Official Synonym Symbols	HRG3; pro-NRG3
NCBI Protein Information	pro-neuregulin-3, membrane-bound isoform
UniProt Protein Name	Pro-neuregulin-3, membrane-bound isoform
UniProt Gene Name	NRG3
UniProt Synonym Gene Names	Pro-NRG3; NRG-3
UniProt Entry Name	NRG3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.