

Recombinant Human NRG3 Protein (1-360 aa), His-SUMO-tagged

Cat. No. NRG3-1791H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NRG3 Protein (1-360 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Cancer. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	1-360 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	53.8 kDa
AA Sequence	MSEGAAAASPPGAASAAAASAEEGTAAAAAAAAAGGGPDGGGEGAAEPPRELRCSDCIVWNRQQTWLCVVPLFIGFIGLGLSLMLLKWIVVGSVKEYVPTDLVDSKGMGQDPFFLSKPSSF PKAMETTTTTTTSTTSPATPSAGGAASSRTPNRISTRLLTITRAPTRFPGHRVPIRASPRSTTARNTAAPATVPSTTAPFFSSSTLGSRPPVPGTPSTQAMPSWPTAAYATSSYLHDSTPSWTLSPFQDAASSSSSSSSSATTTTPETSTSPKFHTTTYSTERS

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	EHFKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFLPKTDSILS DPTDHLGIEFMESEEVYQRQ
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	NRG3 neuregulin 3 [Homo sapiens]
Official Symbol	NRG3
Synonyms	NRG3; neuregulin 3; neuregulin 3 variant 1; neuregulin 3 variant 3; HRG3; pro-NRG3;
Gene ID	10718
mRNA Refseq	NM_001010848
Protein Refseq	NP_001010848
MIM	605533

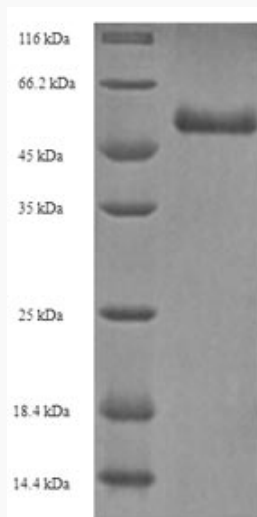
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UniProt ID

P56975



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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