

Recombinant Full Length Human NGFR Protein, C-Flag-tagged

Cat. No. NGFR-1099HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NGFR Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Nerve growth factor receptor contains an extracellular domain containing four 40-amino acid repeats with 6 cysteine residues at conserved positions followed by a serine/threonine-rich region, a single transmembrane domain, and a 155-amino acid cytoplasmic domain. The cysteine-rich region contains the nerve growth factor binding domain.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	42.5 kDa
AA Sequence	MGAGATGRAMDGPRLLLLLLLGVSLGGAKEACPTGLYTHSGECCKACNLGEGVAQ PCGANQTVCEPCLDS VTFSDVVSATEPCKPCTECVGLQSMSAPCVEADDAVCRCA YGYQDETTGRCEACRVCEAGSGLVFSCQD KQNTVCEECPDGTYSDEANHVDPC LPCTVCEDTERQLRECTRWADAECCEIPGRWITRSTPPEGSDSTAP STQEPEAPPE QDLIASTVAGVTTVMGSSQPVVTRGTTDNLIPVYCSILAAVVGLVAYIAFKRWNSC KQ NKQGANSRPVNQTPPPEGEKLHSDSGISVDSQSLHDQQPHTQTASGQALKGD GGLYSSLPPAKREEVEKL LNGSAGDTWRHLGELGYQPEHIDSFTHEACPVRALLA SWATQDSATLDALLAALRRIQRADLVESLCSE

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	STATSPVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Cytokine-cytokine receptor interaction, Neurotrophin signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	NGFR nerve growth factor receptor [Homo sapiens (human)]
Official Symbol	NGFR
Synonyms	CD271; p75NTR; TNFRSF16; p75(NTR); Gp80-LNGFR
Gene ID	4804
mRNA Refseq	NM_002507.4

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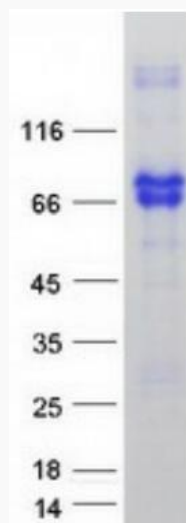
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Protein Refseq [NP_002498.1](#)

MIM [162010](#)

UniProt ID [P08138](#)



Coomassie blue staining of purified NGFR protein.

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