

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	<p>MGAGATGRAMDGPRLLLLLLLLVSLGGAKEACPTGLYTHSGECCACNLGEGVAQ PCGANQTVCEPCLDS VTFSDVVSATEPCKPCTECVGLQSMSAPCVEADDAVCRCA YGYYQDETTGRCEACRVCEAGSGLVFSCQD KQNTVCEECPDGTYSDEANHVDPC LPCTVCEdTERQLRECTRWADAECEEIPGRWITRSTPPEGSdstap STQEPEAPPE QDLIASTVAGVVTTVMGSSQPVVTRGTTDNLIPVYCSILAAVVVGLVAYIAFKRWNSC KQ NKQGANSRPVNQTTPPEGEKlHSDSGISVDSQSLHDQQPHTQTASGQALKGD GGLYSSLPPAKREEVEKL LNGSAGDTWRHLAGELGYQPEHIDSFTHEACPVRALLA SWATQDSATLDALLAALRRIQRADLVESLCSE</p>

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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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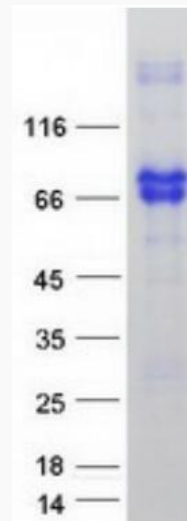
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Protein Refseq NP_002498.1

MIM 162010

UniProt ID P08138



Coomassie blue staining of purified NGFR protein.

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