Active Recombinant Human NGFR protein, hFc-tagged

Cat. No. NGFR-6992H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human NGFR protein(P08138)(Met 1-Asn 250) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-250 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to inhibit NGF dependent proliferation of TF-1 human erythroleukemic cells. The ED50 for this effect is typically 0.5-3 μg/mL in the presence of 4 ng/mL Recombinant Human NGF.
Molecular Mass	The secreted recombinant human NGFR/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 463 amino acids and has a predicted molecular mass of 50.6 kDa. The apparent molecular mass of rhNGFR/Fc monomer is approximately 70-80 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.

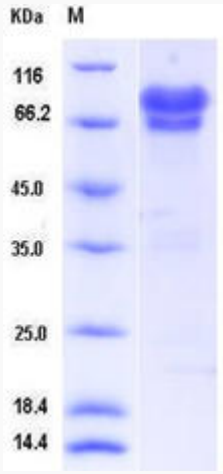
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Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	NGFR nerve growth factor receptor [Homo sapiens]
Official Symbol	NGFR
Synonyms	NGFR; nerve growth factor receptor; nerve growth factor receptor (TNFR superfamily, member 16); tumor necrosis factor receptor superfamily member 16; CD271; low affinity nerve growth factor receptor; p75NTR; TNFR superfamily; member 16; TNFRSF16; p75 ICD; NGF receptor; TNFR superfamily, member 16; low affinity neurotrophin receptor p75NTR; low-affinity nerve growth factor receptor; p75(NTR); Gp80-LNGFR;
Gene ID	4804
mRNA Refseq	NM_002507
Protein Refseq	NP_002498
MIM	162010
UniProt ID	P08138

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SDS-PAGE	

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