

## Active Recombinant Mouse NGFR protein, hFc-tagged

**Cat. No.** NGFR-940M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse NGFR protein(Q9Z0W1)(Met1-Asn253), fused with hFc tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Asn253
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Bio-activity</b>	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 2 ng/mL Recombinant mouse NGF.
<b>Molecular Mass</b>	The secreted recombinant mouse NGFR/Fc is a disulfide-linked homodimer. The reduced monomer comprises 463 amino acids and has a calculated molecular mass of 50.6 kDa. The apparent molecular mass of rmNGFR/Fc monomer is approximately 70-80 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method

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<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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

<b>Gene Name</b>	<a href="#">Ngfr nerve growth factor receptor (TNFR superfamily, member 16) [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">NGFR</a>
<b>Synonyms</b>	NGFR; nerve growth factor receptor (TNFR superfamily, member 16); tumor necrosis factor receptor superfamily member 16; NGF receptor; p75 neurotrophin receptor; low affinity neurotrophin receptor p75NTR; low-affinity nerve growth factor receptor; p75; LNGFR; p75NTR; p75NGFR; Tnfrsf16;
<b>Gene ID</b>	<a href="#">18053</a>
<b>mRNA Refseq</b>	<a href="#">NM_033217</a>
<b>Protein Refseq</b>	<a href="#">NP_150086</a>

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