

Active Recombinant Mouse NGFR protein, hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse NGFR protein(Q9Z0W1)(Met1-Asn253), fused with hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Asn253
Form	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.
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 2 ng/mL Recombinant mouse NGF.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 90 % as determined by SDS-PAGE
Storage	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.
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 (TNFR superfamily, member 16) [Mus musculus]
Official Symbol	NGFR
Synonyms	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;
Gene ID	18053
mRNA Refseq	NM_033217
Protein Refseq	NP_150086

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA