Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customercare-usa@hellobio.com

DATASHEET

Recombinant human NGFR protein

Product overview

Name	Recombinant human NGFR protein
Cat No	HB7194
Biological description	Tumor necrosis factor receptor superfamily member 16 (NGFR) belongs to the tumor necrosis factor receptor superfamily. NGFR has a role in the regulation of the translocation of GLUT4 to the cell surface in adipocytes and skeletal muscle cells in response to insulin, possibly. NGFR also mediates cell survival as well as cell death of neural cells.
Species of origin	human
Alternative names	Recombinant Human Nerve Growth Factor Receptor, Tumor necrosis factor receptor superfamily member 16, Gp80-LNGFR, Low affinity neurotrophin receptor p75NTR, Low-affinity nerve growth factor receptor, NGF receptor, p75 ICD, CD271.
Purity	>95%
Description	Tumor necrosis factor receptor superfamily member 16 (NGFR)

Solubility & Handling

Handling	• Solutions should be made in sterile deionized water (not less than 100 µg/ml). This solution can then be further diluted with other aqueous solutions. • Following reconstitution, solutions may be stored at 4°C and are useable for around 2-7 days and for future use store at -18°C. • For long term storage, a carrier protein (0.1% HSA or BSA) should be added to stock solutions. Solutions should be aliquoted into tightly sealed vials for storage at -20°C. Freeze-thaw cycles should be prevented.
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

UniProt ID	P08138
Source	Sf9, Baculovirus cells.
Appearance	Colourless solution (sterile filtered)
Formulation	Solution (1mg/ml) containing PBS (pH 7.4) and 10% glycerol

References

Nerve Growth Factor: A Focus on Neuroscience and Therapy

Aloe L *et al* (2015) Curr Neuropharmacol 13(3)
PubMedID 26411962

Nerve growth factor: structure, function and therapeutic implications for Alzheimer's disease

Lad SP *et al* (2003) Curr Drug Targets CNS Neurol Disord 2(5)
PubMedID 14529363

Nerve growth factor signaling, neuroprotection, and neural repair

Sofroniew MV *et al* (2001) Annu Rev Neurosci 24

PubMedID	11520933