

Product datasheet for TP307966M

p75 NGF Receptor (NGFR) (NM_002507) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nerve growth factor receptor (TNFR superfamily, member 16) (NGFR), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207966 protein sequence Red=Cloning site Green=Tags(s)

MGAGATGRAMDGPRLLLLLLVSLGGAKEACPTGLYTHSGECCACNLGEGVAQPCGANQTVCEPCLDS
VTFSDVVSATEPCKPCTECVGLQSMSAPCVEADDAVCRCAYGYQDETTGRCEACRVCEAGSGLVFSCQD
KQNTVCEECPDGTYSDEANHVDPCLPCTVCECTERQLRECTRWADAEEIEIPGRWITRSTPPEGSDSTAP
STQEPEAPPEQDLIASTVAGVWTTVMGSSQPVVTRGTTDNLIPVYCSILAAVWVGLVAYIAFKRWNSCKQ
NKQGANSRPVNQTPPEGEKLSHSDSGISVDSQSLHDQQPHTQTASGQALKGDGGLYSSLPPAKREEVEKL
LNGSAGDTWRHLGELGYQPEHIDSFTHACPV RALLASWATQDSATLDALLAALRRIQRADLVESLCS
STATSPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

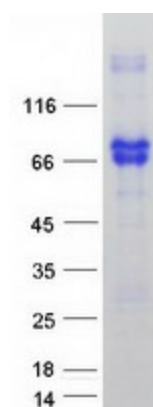
Tag:	C-Myc/DDK
Predicted MW:	42.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_002498
Locus ID:	4804
UniProt ID:	P08138
RefSeq Size:	3420
Cytogenetics:	17q21.33
RefSeq ORF:	1281
Synonyms:	CD271; Gp80-LNGFR; p75(NTR); p75NTR; TNFRSF16
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction, Neurotrophin signaling pathway

Product images:



Coomassie blue staining of purified NGFR protein (Cat# [TP307966]). The protein was produced from HEK293T cells transfected with NGFR cDNA clone (Cat# [RC207966]) using MegaTran 2.0 (Cat# [TT210002]).