

Product datasheet for PH307966

p75 NGF Receptor (NGFR) (NM_002507) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NGFR MS Standard C13 and N15-labeled recombinant protein (NP_002498)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207966
Predicted MW:	45.2 kDa
Protein Sequence:	>RC207966 protein sequence Red=Cloning site Green=Tags(s)

MGAGATGRAMDGPRLLLLLLLGLVSLGGAKEACPTGLYTHSGECCACNLGEGVAQPCGANQTVCEPCLDS
VTFSDVVSATEPCKPCTECVGLQSMSAPCVEADDAVCRCAYGYQDETTGRCEACRVCEAGSGLVFCQD
KQNTVCEECPDGTYSDEANHVDPCLPCTVCEDTERQLRECTRWADAECEEIPGRWITRSTPPEGSSTAP
STQEPEAPPEQDLIASTVAGVVTVMGSSQPVVTRGTTDNLIPVYCSILAAVVVGLVAYIAFKRWNSCKQ
NKQGANSRPVNQTPPPEGEKLSHSDSGISVDSQSLHDQQPHTQTASGQALKGDGGLYSSLPPAKREEVEKL
LNGSAGDTRWHLGELGYQPEHIDSFTHEACPVRALLASWATQDSATLDALLAALRRIQRADLVESLCSE
STATSPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_002498</u>
RefSeq Size:	3420
RefSeq ORF:	1281
Synonyms:	CD271; Gp80-LNGFR; p75(NTR); p75NTR; TNFRSF16



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Locus ID: 4804

UniProt ID: [P08138](#)

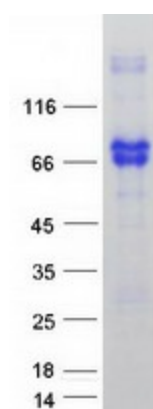
Cytogenetics: 17q21.33

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]).