

Nerve Growth Factor Receptor Recombinant Protein | NGFR recombinant protein

Recombinant Human Nerve Growth Factor Receptor

CATALOG #
AAA37998

PRODUCT SYNONYMS

Nerve Growth Factor Receptor; Recombinant Human Nerve Growth Factor Receptor; NGFR Human; Nerve Growth Factor Receptor Human Recombinant; 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; NGFR recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	NGFR protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Sequence	KEACPTGLYT HSGECKKACN LGEGVAQPCG ANQTVCEPCL DSVTFSDVVS ATEPCKPCTE CVGLQSMSAP CVEADDAVCR CAYGYQDET TGRCEACRVC EAGSGLVFSC QDKQNTVCEE CPDGTYSDEA NHVDPCLPCT VCEDTERQLR ECTRWADAEC EEIPGRWITR STPPEGSDST APSTQEPEAP PEQDLIASTV AGVVTVMGS SQPVVTRGTT DNLEHHHHHH
Sequence Length	427
Source	Sf9 Baculovirus Cells
Physical Appearance	Sterile Filtered colorless solution.
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for NGFR recombinant protein	Introduction: Tumor necrosis factor receptor superfamily member 16 (NGFR) BELONGS TO the tumor necrosis factor receptor superfamily with an extensive pattern of expression in tissues such as the brain, liver, lung, and muscle. 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 by regulating RAB31 activity, and thus contributes to the regulation of insulin-dependent glucose uptake. NGFRs are low affinity receptors which can bind to NGF, BDNF, NT-3, and NT-4. NGFR mediates cell survival as well as cell death of neural cells. Description: NGFR produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 230 amino acids (29-250 a.a.) and having a molecular mass of 24.6kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions). NGFR is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.
Product Categories/Family for NGFR recombinant protein	Cytokines and Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505393
NCBI GeneID	4804
NCBI Accession #	NP_002498.1

NCBI GenBank Nucleotide #	NM_002507.3
UniProt Accession #	P08138 ; B2R961 ; B4E096
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 16
NCBI Official Synonym Full Names	nerve growth factor receptor
NCBI Official Symbol	NGFR
NCBI Official Synonym Symbols	CD271; p75NTR; TNFRSF16; p75(NTR); Gp80-LNGFR
NCBI Protein Information	tumor necrosis factor receptor superfamily member 16
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 16
UniProt Gene Name	NGFR
UniProt Synonym Gene Names	TNFRSF16; NGF receptor
UniProt Entry Name	TNR16_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/ngfr-recombinant-protein/37998>