9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NGFR Human

Nerve Growth Factor Receptor Human Recombinant
NTR0048

Product Overview

Name	NGFR Human
Description	
Nerve Growth Factor Receptor Human Recombinant	
Accession (Primary)	P08138
Synonyms	
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.	
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.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
NGFR protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
KEACPTGLYT HSGECCKACN LGEGVAQPCG ANQTVCEPCL DSVTFSDVVS ATEPCKPCTE CVGLQSMSAP CVEADDAVCR CAYGYYQDET TGRCEACRVC EAGSGLVFSC QDKQNTVCEE CPDGTYSDEA NHVDPCLPCT	

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VCEDTERQLR ECTRWADAEC EEIPGRWITR STPPEGSDST APSTQEPEAP PEQDLIASTV AGVVTTVMGS SQPVVTRGTT DN LE HHHHHH .

Precautions

NGFR Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P08138)