## 32-6503: NGFR Human

Alternative Name : Tumor necrosis factor receptor superfamily member 16, Gp80-LNGFR, Low affinity neurotrophin receptor

## Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
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. 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 24.6 kDa (Migrates at $40-57 \mathrm{kDa}$ on SDS-PAGE under reducing conditions).

## Product Info

## Amount :

Purification :

## Content :

## Storage condition :

Amino Acid :
$2 \mu \mathrm{~g} / 10 \mu \mathrm{~g}$
Greater than $95.0 \%$ as determined by SDS-PAGE.
NGFR protein solution ( $1 \mathrm{mg} / \mathrm{ml}$ ) contains Phosphate Buffered Saline (pH 7.4) and $10 \%$ glycerol.
Store at $4^{\circ} \mathrm{C}$ if entire vial will be used within $2-4$ weeks. Store, frozen at $-20^{\circ} \mathrm{C}$ 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.
KEACPTGLYT HSGECCKACN LGEGVAQPCG ANQTVCEPCL DSVTFSDVVS ATEPCKPCTE CVGLQSMSAP CVEADDAVCR CAYGYYQDET TGRCEACRVC EAGSGLVFSC QDKQNTVCEE CPDGTYSDEA NHVDPCLPCT VCEDTERQLR ECTRWADAEC EEIPGRWITR STPPEGSDST APSTQEPEAP PEQDLIASTV AGVVTTVMGS SQPVVTRGTT DNLEHHHHHH.

