

Overview

Synonyms	Gp80-LNGFR, p75 ICD, CD271, TNFRSF16
Description	NGF Receptor , also known as Gp80-LNGFR, p75 ICD, CD271 and TNFRSF16, is a type I transmembrane protein belonging to the TNF receptor family. It is expressed by both neuronal and non-neuronal cells. Signaling through NGF Receptor has been shown to regulate gene expression, cell migration and death. A truncated NGF Receptor containing only the extracellular domain has been detected in plasma, amniotic fluid and urine, and acts as a potent NGF antagonist.
Accession No	P08138
Species	Human
Source	HEK 293
Biological Activity	ED ₅₀ < 0.4 µg /ml, measured in a neutralization assay using TF-1 cells in the presence of 10ng/ml human b-NGF.
Sequence	KEACPTGLYT HSGECCKACN LGEGVAQPCG ANQTVCEPCL DSVTFSDVVS ATEPCKPCTE CVGLQSMSAP CVEADDAVCR CAYGYYQDET TGRCEACRVC EAGSGLVFSC QDKQNTVCEE CPDGTYSDEA NHVDPCLPCT VCEdTERQLR ECTRWADAEC EEIPGRWITR STPPEGSdst APSTQePEAP PEQDLIASTV AGVVTVMGS SQPVVTRGTT DN

Properties

Measured Molecular Weight	32-60 kDa, observed by reducing SDS-PAGE.
Purity	> 95% as analyzed by SDS-PAGE.
Formulation	Lyophilized after extensive dialysis against PBS.
Reconstitution	Reconstituted in ddH ₂ O or PBS at 100 µg/ml.
Endotoxin Level	< 0.2 EU/µg, determined by LAL method.
Storage	Lyophilized recombinant human NGF Receptor remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, human NGF Receptor should be stable up to 1 week at 4°C or up to 2 months at -20°C.
Note	For research use only

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