

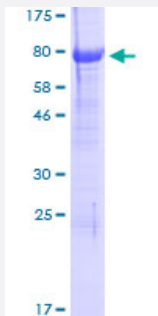
Full-Length

NGFR (Human) Recombinant Protein (P01)

Catalog # H00004804-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NGFR full-length ORF (NP_002498.1, 1 a.a. - 427 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGAGATGRAMDGPRLLLLLLLGVSLGGAKEACPTGLYTHSGECCACNLGEGVAQPCGANQTV
CEPCLDSVTFSDVVSATEPCKPCTECVGLQSMSAPCVEADDAVCRCAYGYQDETTGRCEAC
RVCEAGSGLVFSCQDKQNTVCEECPDGTYSDEANHVDPCLPCTVCEDTERQLRECTRWADAE
CEEIPGRWITRSTPPEGSDSTAPSTQEPEAPPEQDLASTVAGVVTTVMGSSQPVVTRGTTDNLIP
VYCSILAAVVVGLVAYIAFKRWNSCKQNKQGANSRPVNQTPPEGEKLSHSDSGISVDSQSLHDQ
QPHTQTASGQALKGDGGLYSSLPPAKREEVEKLLNGSAGDTWRHLAGELGYQPEHIDSFTHEAC
PVRALLASWATQDSATLDALLAALRRIQRADLVESLCSESTATSPV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

71.6

Interspecies Antigen Sequence

Mouse (92); Rat (92)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NGFR

Entrez GeneID	4804
GeneBank Accession#	NM_002507.1
Protein Accession#	NP_002498.1
Gene Name	NGFR
Gene Alias	CD271, Gp80-LNGFR, TNFRSF16, p75(NTR), p75NTR
Gene Description	nerve growth factor receptor (TNFR superfamily, member 16)
Omim ID	162010
Gene Ontology	Hyperlink
Gene 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]
Other Designations	low affinity nerve growth factor receptor low-affinity nerve growth factor receptor nerve growth factor receptor

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Asperger Syndrome](#)
- [Asthma](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bronchiolitis](#)
- [Celiac Disease](#)
- [Depressive Disorder](#)
- [Disease Models](#)
- [Eating Disorders](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Kidney Failure](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Social Perception](#)