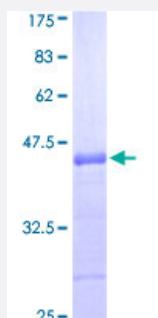


# NGFR (Human) Recombinant Protein (Q01)

Catalog # H00004804-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                      |                                                                                                                   |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human NGFR partial ORF ( NP_002498, 32 a.a. - 140 a.a.) recombinant protein with GST-tag at N-terminal.           |
| <b>Sequence</b>                      | CPTGLYTHSGECCKACNLGEGVAQPCGANQTVCEPCLDSVTFSDVVSATEPCKPCTECVGLQS<br>MSAPCVEADDAVCRCAYGYYQDETTGRCEACRVCEAGSGLVFSCQD |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                             |
| <b>Theoretical MW (kDa)</b>          | 37.73                                                                                                             |
| <b>Interspecies Antigen Sequence</b> | Mouse (93); Rat (94)                                                                                              |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>                                                             |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow                                                                                 |
| <b>Quality Control Testing</b>       | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                                       |
| <b>Storage Buffer</b>                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                          |
| <b>Storage Instruction</b>           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                                   |
| <b>Note</b>                          | 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](#)

Protein Accession# [NP\\_002498](#)

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](#)