



GFRA1 blocking peptide (CDBP5478)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| | |
|----------------------------|---|
| Antigen Description | Glial cell line-derived neurotrophic factor (GDNF) and neurturin (NTN) are two structurally related, potent neurotrophic factors that play key roles in the control of neuron survival and differentiation. The protein encoded by this gene is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor for both GDNF and NTN, and mediates activation of the RET tyrosine kinase receptor. This gene is a candidate gene for Hirschsprung disease. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Feb 2009] |
| Conjugate | Unconjugated |
| Applications | Used as a blocking peptide in immunoblotting applications. |
| Format | Liquid |
| Concentration | 200 µg/mL |
| Size | 0.05 mg |
| Preservative | None |
| Storage | -20°C |

GENE INFORMATION

| | |
|------------------------|---|
| Gene Name | GFRA1 GDNF family receptor alpha 1 [Homo sapiens (human)] |
| Official Symbol | GFRA1 |
| Synonyms | GFRA1; GDNF family receptor alpha 1; GDNFR; RET1L; RETL1; TRNR1; GDNFRA; GFR-ALPHA-1; GDNF family receptor alpha-1; RET ligand 1; GDNFR-alpha-1; GDNF receptor alpha-1; GPI-linked anchor protein; PI-linked cell-surface accessory protein; TGF-beta related |

neurotrophic factor receptor 1; TGF-beta-related neurotrophic factor receptor 1; Glial cell line-derived neurotrophic factor receptor alpha

| | |
|----------------|--|
| Entrez Gene ID | 2674 |
| mRNA Refseq | NM_001145453 |
| Protein Refseq | NP_001138925 |
| UniProt ID | P56159 |
| Pathway | Axon guidance; Developmental Biology; Diurnally regulated genes with circadian orthologs; NCAM signaling for neurite out-growth; NCAM1 interactions; Signaling events regulated by Ret tyrosine kinase |
| Function | glial cell-derived neurotrophic factor receptor activity; receptor binding |