



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
