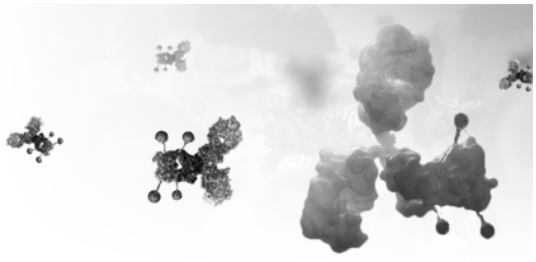

GFRA2 blocking peptide (CDBP5479)

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 encoded protein acts preferentially as a receptor for NTN compared to its other family member, GDNF family receptor alpha 1. This gene is a candidate gene for RET-associated diseases. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 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	GFRA2 GDNF family receptor alpha 2 [Homo sapiens (human)]
Official Symbol	GFRA2
Synonyms	GFRA2; GDNF family receptor alpha 2; NTNRA; RETL2; TRNR2; GDNFRB; NRTNR-ALPHA;

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	GDNF family receptor alpha-2; GDNFR-beta; NTNR-alpha; GFR-alpha 2; RET ligand 2; GDNFR-alpha-2; GDNF receptor beta; neurturin receptor alpha; TRN receptor, GPI-anchored; PI-linked cell-surface accessory protein; TGF-beta-related neurotrophic factor receptor 2; glial cell line derived neurotrophic factor receptor, beta
Entrez Gene ID	2675
mRNA Refseq	NM_001165038
Protein Refseq	NP_001158510
UniProt ID	O00451
Pathway	Axon guidance; Developmental Biology; NCAM signaling for neurite out-growth; NCAM1 interactions
Function	glial cell-derived neurotrophic factor receptor activity

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