

GFRA1 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP21582b

Specification**GFRA1 Blocking Peptide (C-term) - Product Information**Primary Accession [P56159](#)**GFRA1 Blocking Peptide (C-term) - Additional Information**

Gene ID 2674

Other Names

GDNF family receptor alpha-1, GDNF receptor alpha-1, GDNFR-alpha-1, GFR-alpha-1, RET ligand 1, TGF-beta-related neurotrophic factor receptor 1, GFRA1, GDNFRA, RETL1, TRNR1

Target/Specificity

The synthetic peptide sequence is selected from aa 381-395 of HUMAN GFRA1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GFRA1 Blocking Peptide (C-term) - Protein Information

Name GFRA1

Synonyms GDNFRA, RETL1, TRNR1

Function

Receptor for GDNF. Mediates the

GFRA1 Blocking Peptide (C-term) - Background

Receptor for GDNF. Mediates the GDNF-induced autophosphorylation and activation of the RET receptor (By similarity).

GFRA1 Blocking Peptide (C-term) - ReferencesJing S.,et al.Cell 85:1113-1124(1996).
Sanicola M.,et al.Proc. Natl. Acad. Sci. U.S.A. 94:6238-6243(1997).
Angrist M.,et al.Genomics 48:354-362(1998).
Shelfbine S.E.,et al.Hum. Genet. 102:474-478(1998).
Hishiki T.,et al.Submitted (OCT-1997) to the EMBL/GenBank/DDBJ databases.

GDNF-induced autophosphorylation and activation of the RET receptor (By similarity).

Cellular Location

Cell membrane

{ECO:0000250|UniProtKB:Q62997};

Lipid-anchor, GPI-anchor

{ECO:0000250|UniProtKB:Q62997}. Golgi apparatus, trans-Golgi network

{ECO:0000250|UniProtKB:Q62997}.

Endosome

{ECO:0000250|UniProtKB:Q62997}.

Endosome, multivesicular body

{ECO:0000250|UniProtKB:Q62997}.

Note=Localizes mainly to the plasma membrane. In the presence of SORL1, shifts to vesicular structures, including trans-Golgi network, endosomes and multivesicular bodies {ECO:0000250|UniProtKB:Q62997}

GFRA1 Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)