10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

FGF12 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP21840c

Specification

FGF12 Blocking Peptide (Center) - Product Information

Primary Accession P61328

FGF12 Blocking Peptide (Center) - Additional Information

Gene ID 2257

Other Names
Fibroblast growth factor 12, FGF-12, Fibroblast growth factor homologous factor 1, FHF-1, Myocyte-activating factor, FGF12, FGF12B, FHF1

Target/Specificity
The synthetic peptide sequence is selected from aa 179-191 of HUMAN FGF12

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.

FGF12 Blocking Peptide (Center) - Protein Information

Name FGF12

Synonyms FGF12B, FHF1

Function
Involved in nervous system development and function. Involved in the positive

FGF12 Blocking Peptide (Center) - Background

Probably involved in nervous system development and function.

FGF12 Blocking Peptide (Center) - References

Smallwood P.M.,et al.Proc. Natl. Acad. Sci. U.S.A. 93:9850-9857(1996).
Kok L.D.S.,et al.Biochem. Biophys. Res. Commun. 255:717-721(1999).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

regulation of voltage-gated sodium channel activity. Promotes neuronal excitability by elevating the voltage dependence of neuronal sodium channel SCN8A fast inactivation.

Cellular Location
Nucleus.

Tissue Location
Brain, eye and testis; highly expressed in embryonic retina, olfactory epithelium, olfactory bulb, and in a segmental pattern of the body wall; in adult olfactory bulb, less in cerebellum, deep cerebellar nuclei, cortex and multiple midbrain structures

FGF12 Blocking Peptide (Center) - Protocols

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

- Blocking Peptides