MRGPRX3 Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP20838a

Specification

MRGPRX3 Blocking Peptide (N-term) - Product Information

Primary Accession   Q96LB0

MRGPRX3 Blocking Peptide (N-term) - Additional Information

Gene ID 117195

Other Names
Mas-related G-protein coupled receptor member X3, Sensory neuron-specific G-protein coupled receptor 1/2, MRGPRX3, MRGX3, SNSR1, SNSR2

Target/Specificity
The synthetic peptide sequence is selected from aa 9-23 of HUMAN MRGPRX3

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.

MRGPRX3 Blocking Peptide (N-term) - Protein Information

Name MRGPRX3

Synonyms MRGX3, SNSR1, SNSR2

Function
Orphan receptor. Probably involved in the function of nociceptive neurons. May regulate nociceptor function and/or development, including the sensation or modulation of pain. Potently activated by enkephalins (By similarity).

Cellular Location
Cell membrane; Multi-pass membrane protein.

Tissue Location
Uniquely localized in a subset of small dorsal root and trigeminal sensory neurons.

MRGPRX3 Blocking Peptide (N-term) - Protocols

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

 • Blocking Peptides

MRGPRX3 Blocking Peptide (N-term) - Images

MRGPRX3 Blocking Peptide (N-term) - Background

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MRGPRX3 Blocking Peptide (N-term) - References

 Dong X.,et al.Cell 106:619-632(2001).
Lembo P.M.C.,et al.Nat. Neurosci. 5:201-209(2002).
Martin A.L.,et al.Submitted (DEC-2007) to the EMBL/GenBank/DDBJ databases.
Taylor T.D.,et al.Nature 440:497-500(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.