MRGPRE Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	MRGPRE, Blocking Peptide
Full Product Name	MRGPRE Peptide - C-terminal region
Product Gene Name	MRGPRE blocking peptide
Product Synonym Gene Name	GPR167; MGC138408; MRGE
Sequence	AAKPVVYFCL GSAQGRRLPL RLVLQRALGD EAELGAVRET SRRGLVDIAA
Species Reactivity	Human
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	MRGPRE peptide (MBS3240725) is used for blocking the activity of MRGPRE antibody (MBS3215822)
Molecular Weight	34kDa
OMIM	607232
Product Categories/Family for MRGPRE blocking peptide	Peptide
Applications Tested/Suitable for MRGPRE blocking peptide	Western Blot (WB)
Related Product Information for MRGPRE blocking peptide	This is a synthetic peptide designed for use in combination with anti-MRGPRE Antibody, made Target Description: MRGPRE is an orphan receptor. It may regulate nociceptor function and/or development, including the sensation or modulation of pain.
Other Notes	Small volumes of MRGPRE blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MRGPRE purchase	MBS3240725 is a blocking peptide targeting MRGPRE. Also known as MRGPRE Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MRGPRE. It may not necessarily be applicable to this product.

NCBI GI #	426214096
NCBI GeneID	116534
NCBI Accession #	NP_001034254
UniProt Primary Accession #	Q86SM8
UniProt Related Accession #	Q86SM8
GenBank Nucleotide #	NM_001039165
NCBI Official Full Name	mas-related G-protein coupled receptor member E
NCBI Official Synonym Full Names	MAS related GPR family member E

NCBI Official Symbol	MRGPRE
NCBI Official Synonym Symbols	MGRF; MRGE; GPR167
UniProt Protein Name	Mas-related G-protein coupled receptor member E
UniProt Synonym Protein Names	G-protein coupled receptor 167
Protein Family	Mas-related G-protein coupled receptor
UniProt Gene Name	MRGPRE
UniProt Synonym Gene Names	GPR167; MRGE
UniProt Entry Name	MRGRE_HUMAN
NCBI Protein Information	mas-related G-protein coupled receptor member E
UniProt Comments for MRGPRE	MRGPRE: Orphan receptor. May regulate nociceptor function and/or development, including the sensation or modulation of pain. Belongs to the G-protein coupled receptor 1 family. Mas subfamily. Protein type: Receptor, GPCR; GPCR, family 1; Membrane protein, multi-pass; Membrane protein, integral Chromosomal Location of Human Ortholog: 11p15.4 Cellular Component: plasma membrane; integral to membrane Molecular Function: G-protein coupled receptor activity Biological Process: G-protein coupled receptor protein signaling pathway
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