OR8K1 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	OR8K1, Blocking Peptide
Full Product Name	OR8K1 Peptide - C-terminal region
Product Gene Name	OR8K1 blocking peptide
Product Synonym Gene Name	OR11-182; OR8N1P
Sequence	Synthetic peptide located within the following region: ILRMNSRKGR YKAFSTCSSH LTVVIMFYGT LLFIYLQPKS SHTLAIDKMA
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	OR8K1 peptide (MBS3243680) is used for blocking the activity of OR8K1 antibody (MBS3218788)
Molecular Weight	35kDa
Product Categories/Family for OR8K1 blocking peptide	Peptide
Applications Tested/Suitable for OR8K1 blocking peptide	Western Blot (WB)
Related Product Information for OR8K1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-OR8K1 Antibody, made Target Description: Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms.
Other Notes	Small volumes of OR8K1 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 OR8K1 purchase	MBS3243680 is a blocking peptide targeting OR8K1. Also known as OR8K1 Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR8K1. It may not necessarily be applicable to this product.

NCBI GI #	50897270
NCBI GeneID	390157
NCBI Accession #	NP_001002907
UniProt Primary Accession #	Q8NGG5
UniProt Related Accession #	Q8NGG5

GenBank Nucleotide #	NM_001002907
NCBI Official Full Name	olfactory receptor 8K1
NCBI Official Synonym Full Names	olfactory receptor family 8 subfamily K member 1
NCBI Official Symbol	OR8K1
NCBI Official Synonym Symbols	OR8N1P; OR11-182
UniProt Protein Name	Olfactory receptor 8K1
UniProt Synonym Protein Names	Olfactory receptor OR11-182
Protein Family	Olfactory receptor
UniProt Gene Name	OR8K1
UniProt Entry Name	OR8K1_HUMAN
NCBI Protein Information	olfactory receptor 8K1
NCBI Summary for OR8K1	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms. [provided by RefSeq, Jul 2008]
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