OR5H1 Blocking Peptide – The purity is >90%,tested by HPLC and MS. Purity

PRODUCT OVERVIEW

Product Name	OR5H1, Blocking Peptide
Full Product Name	OR5H1 Blocking Peptide
Product Gene Name	OR5H1 blocking peptide
Product Synonym Names	HSHTPCRX14; HTPCRX14; Olfactory receptor 5H1; Olfactory receptor, family 5, subfamily H, member 1; OR5H1; OR5H1_HUMAN
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 10 mg/ml.
Purity/Purification	The purity is >90%,tested by HPLC and MS.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	OR5H1 peptide (MBS9627728) is used for blocking the activity of OR5H1 antibody (MBS9609016)
Molecular Weight	35,387 Da
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Notes	For phospho antibody, we provide phospho peptide (0.5mg) and non-phospho peptide (0.5mg)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for OR5H1 blocking peptide	Blocking/Control
Related Product Information for OR5H1 blocking peptide	Blocking peptides are peptides that bind specifically to the target antibody and block antibody binding. These peptide usually contains the epitope recognized by the antibody. Antibodies bound to the blocking peptide no longer bind to the epitope on the target protein. This mechanism is useful when non-specific binding is an issue, for example, in Western blotting (immunoblot) and immunohistochemistry (IHC). By comparing the staining from the blocked antibody versus the antibody alone, one can see which staining is specific; Specific binding will be absent from the western blot or immunostaining performed with the neutralized antibody.
Other Notes	Small volumes of OR5H1 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 OR5H1 purchase	MBS9627728 is a blocking peptide targeting OR5H1.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR5H1. It may not necessarily be applicable to this product.

NCBI GI #	52856424
NCBI GeneID	26341
NCBI Accession #	NP_001005338.1
UniProt Primary Accession #	A6NKK0
UniProt Related Accession #	A6NKK0
GenBank Nucleotide #	NM_001005338.1
NCBI Official Full Name	olfactory receptor 5H1

NCBI Official Synonym Full Names	olfactory receptor, family 5, subfamily H, member 1
NCBI Official Symbol	OR5H1
NCBI Official Synonym Symbols	HTPCRX14; HSHTPCRX14
UniProt Protein Name	Olfactory receptor 5H1
UniProt Synonym Protein Names	HTPCRX14
Protein Family	Olfactory receptor
UniProt Gene Name	OR5H1
UniProt Entry Name	OR5H1_HUMAN
NCBI Protein Information	olfactory receptor 5H1
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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