OR8B2/B3 Blocking Peptide – The purity is >90%,tested by HPLC and MS. Purity

PRODUCT OVERVIEW

Product Name	OR8B2/B3, Blocking Peptide
Full Product Name	OR8B2/B3 Blocking Peptide
Product Gene Name	OR8B2 blocking peptide
Product Synonym Names	Olfactory receptor 8B2; Olfactory receptor 8B3; Olfactory receptor OR11 309; Olfactory receptor OR11 310; Olfactory receptor OR11 311; Olfactory receptor, family 8, subfamily B, member 2; Olfactory receptor, family 8, subfamily B, member 3; OR11 309; OR11 310; OR11 311; Olfactory receptor 8B3; Olfactory receptor OR11-311; Olfactory receptor, family 8, subfamily B, member 3; OR8B3; OR8B3_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	OR8B2/B3 peptide (MBS9627733) is used for blocking the activity of OR8B2/B3 antibody (MBS9609021)
Molecular Weight	35,272 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 OR8B2 blocking peptide	Blocking/Control
Related Product Information for OR8B2 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 OR8B2 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 OR8B2 purchase	MBS9627733 is a blocking peptide targeting OR8B2. Also known as OR8B2/B3 Blocking Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR8B2. It may not necessarily be applicable to this product.

NCBI GI #	53793675
NCBI GeneID	26595
NCBI Accession #	NP_001005468.1
UniProt Primary Accession #	Q96RD0
UniProt Secondary Accession #	Q8NGH2

UniProt Related Accession #	Q96RD0
GenBank Nucleotide #	NM_001005468.1
NCBI Official Full Name	olfactory receptor 8B2
NCBI Official Synonym Full Names	olfactory receptor, family 8, subfamily B, member 2
NCBI Official Symbol	OR8B2
NCBI Official Synonym Symbols	OR11-309; OR11-310
UniProt Protein Name	Olfactory receptor 8B2
UniProt Synonym Protein Names	Olfactory receptor OR11-309
Protein Family	Olfactory receptor
UniProt Gene Name	OR8B2
UniProt Entry Name	OR8B2_HUMAN
NCBI Protein Information	olfactory receptor 8B2; olfactory receptor OR11-309; olfactory receptor OR11-310
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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