OR8K1 Antibody (C-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	OR8K1, Blocking Peptide
Full Product Name	OR8K1 Antibody (C-term) Blocking peptide
Product Gene Name	OR8K1 blocking peptide
Product Synonym Names	Olfactory receptor 8K1; Olfactory receptor OR11-182; OR8K1
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 1 mg/ml.
Specificity	The synthetic peptide sequence used to generate the antibody was selected from the C-term region of OR8K1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.
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	OR8K1 peptide (MBS9220362) is used for blocking the activity of OR8K1 antibody (MBS9211442)
Molecular Weight	36,581 Da
Cellular Location	Cell membrane; Multi-pass membrane protein.
Related Product Information for OR8K1 blocking peptide	MBS9220362 is a blocking peptide targeting OR8K1. Also known as OR8K1 Antibody (C-term) Blocking peptide. Odorant receptor.
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.

ADDITIONAL DETAILS

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

NCBI GI #	38372688
NCBI GeneID	390157
NCBI Accession #	Q8NGG5.1
UniProt Primary Accession #	Q8NGG5
UniProt Secondary Accession #	Q6IFC3; Q96RC1; B9EJB1
UniProt Related Accession #	Q8NGG5
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]
UniProt Comments for OR8K1	OR8K1: Odorant receptor (Potential). Belongs to the G-protein coupled receptor 1 family. Protein type: Receptor, GPCR; Membrane protein, multi-pass; GPCR, family 1; Membrane protein, integral Chromosomal Location of Human Ortholog: 11q12.1 Cellular Component: plasma membrane Molecular Function: odorant binding; olfactory receptor activity Biological Process: G-protein coupled receptor protein signaling pathway
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/blocking-peptide/or8k1/9220362