HAVCR2 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	HAVCR2, Blocking Peptide
Full Product Name	HAVCR2 Peptide - C-terminal region
Product Gene Name	HAVCR2 blocking peptide
Product Synonym Gene Name	FLJ14428; KIM-3; TIM3; TIMD3; Tim-3; TIMD-3; HAVcr-2
Sequence	IGIYIGAGIC AGLALALIFG ALIFKWYSHS KEKIQNLSLI SLANLPPSGL
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	HAVCR2 peptide (MBS3239145) is used for blocking the activity of HAVCR2 antibody (MBS3214207)
Molecular Weight	33kDa
OMIM	606652
Product Categories/Family for HAVCR2 blocking peptide	Peptide
Applications Tested/Suitable for HAVCR2 blocking peptide	Western Blot (WB)
Related Product Information for HAVCR2 blocking peptide	This is a synthetic peptide designed for use in combination with anti-HAVCR2 Antibody, made Target Description: HAVCR2 regulates macrophage activation. HAVCR2 inhibits T-helper type 1 lymphocyte (Th1)-mediated auto- and alloimmune responses and promotes immunological tolerance. HAVCR2 may be also involved in T-cell homing. HAVCR2 is the receptor for LGALS9.
Other Notes	Small volumes of HAVCR2 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 HAVCR2 purchase	MBS3239145 is a blocking peptide targeting HAVCR2. Also known as HAVCR2 Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HAVCR2. It may not necessarily be applicable to this product.

NCBI GI #	49574534
NCBI GeneID	84868
NCBI Accession #	NP_116171
UniProt Primary Accession #	Q8TDQ0
UniProt Related Accession #	Q8TDQ0
GenBank Nucleotide #	NM_032782
NCBI Official Full Name	hepatitis A virus cellular receptor 2

NCBI Official Synonym Full Names	hepatitis A virus cellular receptor 2
NCBI Official Symbol	HAVCR2
NCBI Official Synonym Symbols	TIM3; CD366; KIM-3; TIMD3; Tim-3; TIMD-3; HAVcr-2
UniProt Protein Name	Hepatitis A virus cellular receptor 2
UniProt Synonym Protein Names	T-cell immunoglobulin and mucin domain-containing protein 3; TIMD-3; T-cell immunoglobulin mucin receptor 3; TIM-3; T-cell membrane protein 3
Protein Family	Hepatitis A virus cellular receptor
UniProt Gene Name	HAVCR2
UniProt Synonym Gene Names	TIM3; TIMD3; HAVcr-2; TIMD-3; TIM-3
UniProt Entry Name	HAVR2_HUMAN
NCBI Protein Information	hepatitis A virus cellular receptor 2
NCBI Summary for HAVCR2	The protein encoded by this gene belongs to the immunoglobulin superfamily, and TIM family of proteins. CD4-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2) on the basis of their cytokine secretion patterns. Th1 cells are involved in cell-mediated immunity to intracellular pathogens and delayed-type hypersensitivity reactions, whereas, Th2 cells are involved in the control of extracellular helminthic infections and the promotion of atopic and allergic diseases. This protein is a Th1-specific cell surface protein that regulates macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and promotes immunological tolerance. [provided by RefSeq, Sep 2011]
UniProt Comments for HAVCR2	TIM-3: Regulates macrophage activation. Inhibits T-helper type 1 lymphocyte (Th1)-mediated auto- and alloimmune responses and promotes immunological tolerance. May be also involved in T-cell homing. Receptor for LGALS9. Belongs to the immunoglobulin superfamily. TIM family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Receptor, misc.; Membrane protein, integral Chromosomal Location of Human Ortholog: 5q33.3 Cellular Component: integral to membrane Disease: Rheumatoid Arthritis
Research Articles on HAVCR2	**1.** TIM-3 expression was predominantly localized to myeloid cells in both human and murine tumors
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/human-blocking-peptide/havcr2/3239145