RCV1 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	RCV1, Blocking Peptide
Full Product Name	RCV1 Peptide - C-terminal region
Product Gene Name	RCV1 blocking peptide
Product Synonym Gene Name	RCV1; RCVRN
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	RCV1 peptide (MBS3228922) is used for blocking the activity of RCV1 antibody (MBS3203953)
Molecular Weight	23kDa
Product Categories/Family for RCV1 blocking peptide	Peptide
Applications Tested/Suitable for RCV1 blocking peptide	Western Blot (WB)
Related Product Information for RCV1 blocking peptide	RCV1 is a member of the recoverin family of neuronal calcium sensors. RCV1 contains three calcium-binding EF-hand domains and may prolong the termination of the phototransduction cascade in the retina by blocking the phosphorylation of photo-activated rhodopsin. Recoverin may be the antigen responsible for cancer-associated retinopathy.The protein encoded by this gene contains four calcium-binding EF-hand domains and belongs to the recoverin family of neuronal calcium sensors. Recoverin may prolong the termination of the phototransduction cascade by blocking the phosphorylation of photo-activated rhodopsin. Recoverin may be the antigen responsible for cancer-associated retinopathy; an autoimmune disease of the retina caused by a tumor in another tissue.
Other Notes	Small volumes of RCV1 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 RCV1 purchase	MBS3228922 is a blocking peptide targeting RCV1. Also known as RCV1 Peptide - C-terminal region.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RCV1. It may not necessarily be applicable to this product.

NCBI GI #	4506459
NCBI GeneID	5957
NCBI Accession #	NP_002894
UniProt Primary Accession #	Q53XL0
UniProt Related Accession #	P35243
GenBank Nucleotide #	NM_002903
NCBI Official Full Name	recoverin
NCBI Official Synonym Full Names	recoverin
NCBI Official Symbol	RCVRN
NCBI Official Synonym Symbols	RCV1

NCBI Protein Information	recoverin
NCBI Summary for RCV1	This gene encodes a member of the recoverin family of neuronal calcium sensors. The encoded protein contains three calcium-binding EF-hand domains and may prolong the termination of the phototransduction cascade in the retina by blocking the phosphorylation of photo-activated rhodopsin. Recoverin may be the antigen responsible for cancer-associated retinopathy. [provided by RefSeq, Jul 2008]
Research Articles on RCV1	**1.** High RCVRN expression is associated with renal tumors.
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