GIMAP1 Blocking Peptide

PRODUCT OVERVIEW

Product Name	GIMAP1, Blocking Peptide
Full Product Name	GIMAP1 Peptide
Product Gene Name	GIMAP1 blocking peptide
Product Synonym Gene Name	HIMAP1; IMAP1; IMAP38
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	GIMAP1 peptide (MBS3234834) is used for blocking the activity of GIMAP1 antibody (MBS3209879)
Molecular Weight	34kDa
OMIM	608084
Product Categories/Family for GIMAP1 blocking peptide	Peptide
Applications Tested/Suitable for GIMAP1 blocking peptide	Western Blot (WB)
Related Product Information for GIMAP1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-GIMAP1 antibody made Target Description: GIMAP1 belonging to the GTP-binding superfamily and to the immuno-associated nucleotide (IAN) subfamily of nucleotide-binding proteins.This gene encodes a protein belonging to the GTP-binding superfamily and to the immuno-associated nucleotide (IAN) subfamily of nucleotide-binding proteins. In humans, the IAN subfamily genes are located in a cluster at 7q36.1.
Other Notes	Small volumes of GIMAP1 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 GIMAP1 purchase	MBS3234834 is a blocking peptide targeting GIMAP1. Also known as GIMAP1 Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GIMAP1. It may not necessarily be applicable to this product.

NCBI GI #	18594498
NCBI GeneID	170575
NCBI Accession #	NP_570115
UniProt Primary Accession #	Q8WWP7
UniProt Related Accession #	Q8WWP7
GenBank Nucleotide #	NM_130759
NCBI Official Full Name	GTPase IMAP family member 1
NCBI Official Synonym Full Names	GTPase, IMAP family member 1
NCBI Official Symbol	GIMAP1

NCBI Official Synonym Symbols	IAN2; IMAP1; HIMAP1; IMAP38
UniProt Protein Name	GTPase IMAP family member 1
UniProt Synonym Protein Names	Immunity-associated protein 1; hIMAP1
Protein Family	GTPase IMAP family
UniProt Gene Name	GIMAP1
UniProt Synonym Gene Names	IMAP1; hIMAP1
UniProt Entry Name	GIMA1_HUMAN
NCBI Protein Information	GTPase IMAP family member 1
NCBI Summary for GIMAP1	This gene encodes a protein belonging to the GTP-binding superfamily and to the immuno-associated nucleotide (IAN) subfamily of nucleotide-binding proteins. In humans, the IAN subfamily genes are located in a cluster at 7q36.1. This gene is thought to be involved in the differentiation of T helper (Th) cells of the Th1 lineage, and the related mouse gene has been shown to be critical for the development of mature B and T lymphocytes. Read-through transcription exists between this gene and the downstream GIMAP5 (GTPase, IMAP family member 5) gene. [provided by RefSeq, Dec 2010]
Research Articles on GIMAP1	**1.** GIMAP1 and SERHL variants may be important for appendicular lean mass
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