FCER1G Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	FCER1G, Blocking Peptide
Full Product Name	FCER1G Peptide - N-terminal region
Product Gene Name	FCER1G blocking peptide
Product Synonym Gene Name	FCRG
Sequence	MIPAVVLLLL LLVEQAAALG EPQLCYILDA ILFLYGIVLT LLYCRLKIQV
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	FCER1G peptide (MBS3233156) is used for blocking the activity of FCER1G antibody (MBS3208193)
Molecular Weight	8kDa
OMIM	147139
Product Categories/Family for FCER1G blocking peptide	Peptide
Applications Tested/Suitable for FCER1G blocking peptide	Western Blot (WB)
Related Product Information for FCER1G blocking peptide	This is a synthetic peptide designed for use in combination with anti-FCER1G Antibody, made Target Description: The high affinity IgE receptor is a key molecule involved in allergic reactions. It is a tetramer composed of 1 alpha, 1 beta, and 2 gamma chains. The gamma chains are also subunits of other Fc receptors.
Other Notes	Small volumes of FCER1G 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 FCER1G purchase	MBS3233156 is a blocking peptide targeting FCER1G. Also known as FCER1G Peptide - N-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FCER1G. It may not necessarily be applicable to this product.

NCBI GI #	4758344
NCBI GeneID	2207
NCBI Accession #	NP_004097
UniProt Primary Accession #	P30273
UniProt Related Accession #	P30273
GenBank Nucleotide #	NM_004106
NCBI Official Full Name	high affinity immunoglobulin epsilon receptor subunit gamma
NCBI Official Synonym Full Names	Fc fragment of IgE receptor Ig

NCBI Official Symbol	FCER1G
NCBI Official Synonym Symbols	FCRG
UniProt Protein Name	High affinity immunoglobulin epsilon receptor subunit gamma
UniProt Synonym Protein Names	Fc receptor gamma-chain; FcRgamma; Fc-epsilon RI-gamma; IgE Fc receptor subunit gamma
Protein Family	High affinity immunoglobulin epsilon receptor
UniProt Gene Name	FCER1G
UniProt Synonym Gene Names	FcRgamma; FceRI gamma
UniProt Entry Name	FCERG_HUMAN
NCBI Protein Information	high affinity immunoglobulin epsilon receptor subunit gamma
NCBI Summary for FCER1G	The high affinity IgE receptor is a key molecule involved in allergic reactions. It is a tetramer composed of 1 alpha, 1 beta, and 2 gamma chains. The gamma chains are also subunits of other Fc receptors. [provided by RefSeq, Jul 2008]
Research Articles on FCER1G	**1.** FCER1G was identified and validated in association with ccRCC progression and prognosis, which might improve the prognosis by influencing immune-related pathways
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