LRRTM3 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	LRRTM3, Blocking Peptide
Full Product Name	LRRTM3 Peptide - C-terminal region
Product Gene Name	LRRTM3 blocking peptide
Product Synonym Gene Name	MGC131810
Sequence	SLMRRHRKKK RQSLKQMTPS TQEFYVDYKP TNTETSEMLL NGTGPCTYNK
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	LRRTM3 peptide (MBS3241851) is used for blocking the activity of LRRTM3 antibody (MBS3216952)
Molecular Weight	63kDa
OMIM	610869
Product Categories/Family for LRRTM3 blocking peptide	Peptide
Applications Tested/Suitable for LRRTM3 blocking peptide	Western Blot (WB)
Related Product Information for LRRTM3 blocking peptide	This is a synthetic peptide designed for use in combination with anti-LRRTM3 Antibody, made Target Description: LRRTM3 may play a role in the development and maintenance of the vertebrate nervous system.
Other Notes	Small volumes of LRRTM3 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 LRRTM3 purchase	MBS3241851 is a blocking peptide targeting LRRTM3. Also known as LRRTM3 Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LRRTM3. It may not necessarily be applicable to this product.

NCBI GI #	109809759
NCBI GeneID	347731
NCBI Accession #	NP_821079
UniProt Primary Accession #	Q86VH5
UniProt Related Accession #	Q86VH5
GenBank Nucleotide #	NM_178011
NCBI Official Full Name	leucine-rich repeat transmembrane neuronal protein 3
NCBI Official Synonym Full Names	leucine rich repeat transmembrane neuronal 3

NCBI Official Symbol	LRRTM3
UniProt Protein Name	Leucine-rich repeat transmembrane neuronal protein 3
Protein Family	Leucine-rich repeat transmembrane neuronal protein
UniProt Gene Name	LRRTM3
UniProt Entry Name	LRRT3_HUMAN
NCBI Protein Information	leucine-rich repeat transmembrane neuronal protein 3
UniProt Comments for LRRTM3	LRRTM3: May play a role in the development and maintenance of the vertebrate nervous system. Belongs to the LRRTM family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Cell development/differentiation; Membrane protein, integral Chromosomal Location of Human Ortholog: 10q21.3 Cellular Component: postsynaptic membrane; integral to membrane; cell junction
Research Articles on LRRTM3	**1.** LRRTM3 polymorphisms may play a role in the pathogenesis of late-onset Alzheimer's disease (LOAD) in a Northern Han Chinese population.
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