GRINA Antibody (Center) Blocking Peptide

PRODUCT OVERVIEW

Product Name	GRINA, Blocking Peptide
Full Product Name	GRINA Antibody (Center) Blocking Peptide
Product Gene Name	GRINA blocking peptide
Product Synonym Gene Name	LFG1; NMDARA1; TMBIM3
Product Synonym Names	Protein lifeguard 1; Glutamate [NMDA] receptor-associated protein 1; NMDA receptor glutamate-binding subunit; Putative MAPK-activating protein PM02; Transmembrane BAX inhibitor motif-containing protein 3; GRINA; LFG1; NMDARA1; TMBIM3
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	GRINA peptide (MBS9217630) is used for blocking the activity of GRINA antibody (MBS9212170)
Molecular Weight	41,203 Da
OMIM	138251
Cellular Location	Membrane; Multi-pass membrane protein
Related Product Information for GRINA blocking peptide	MBS9217630 is a blocking peptide targeting GRINA. Also known as GRINA Antibody (Center) Blocking Peptide. Potential apoptotic regulator.
Other Notes	Small volumes of GRINA 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.

ADDITIONAL DETAILS

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

NCBI GI #	57165373
NCBI GeneID	2907
NCBI Accession #	NP_000828.1
UniProt Primary Accession #	Q7Z429
UniProt Secondary Accession #	O43836; Q8IVW7; B3KXM7
UniProt Related Accession #	Q7Z429
GenBank Nucleotide #	NM_000837.1
NCBI Official Full Name	protein lifeguard 1
NCBI Official Synonym Full Names	glutamate ionotropic receptor NMDA type subunit associated protein 1
NCBI Official Symbol	GRINA
NCBI Official Synonym Symbols	LFG1; HNRGW; TMBIM3; NMDARA1
UniProt Protein Name	Protein lifeguard 1

UniProt Synonym Protein Names	Glutamate [NMDA] receptor-associated protein 1; NMDA receptor glutamate-binding subunit; Putative MAPK-activating protein PM02; Transmembrane BAX inhibitor motif-containing protein 3
Protein Family	Protein lifeguard
UniProt Gene Name	GRINA
UniProt Synonym Gene Names	LFG1; NMDARA1; TMBIM3
UniProt Entry Name	LFG1_HUMAN
NCBI Protein Information	protein lifeguard 1
UniProt Comments for GRINA	NMDARA1: Potential apoptotic regulator. Belongs to the BI1 family. LFG subfamily. Protein type: Membrane protein, multi-pass; Membrane protein, integral Chromosomal Location of Human Ortholog: 8q24.3
Research Articles on GRINA	**1.** These results suggest that the TMBIM family has comparable functions in the maintenance of intracellular Ca(2) homeostasis in a wide variety of tissues
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