NPRL3 Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	NPRL3, Blocking Peptide
Full Product Name	NPRL3 Peptide - N-terminal region
Product Gene Name	NPRL3 blocking peptide
Product Synonym Gene Name	MARE; NPR3; HS-40; RMD11; CGTHBA; C16orf35
Sequence	Synthetic peptide located within the following region: NKLLFRYPFQ RSQEHPASQT SKPRSRYAAS NTGDHADEQD GDSRFSDVIL
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	NPRL3 peptide (MBS3245626) is used for blocking the activity of NPRL3 antibody (MBS3220829)
Molecular Weight	62 kDa
OMIM	600928
Product Categories/Family for NPRL3 blocking peptide	Peptide
Applications Tested/Suitable for NPRL3 blocking peptide	Western Blot (WB)
Related Product Information for NPRL3 blocking peptide	This is a synthetic peptide designed for use in combination with anti-NPRL3 Antibody, made Target Description: The function of the encoded protein is not known.
Other Notes	Small volumes of NPRL3 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 NPRL3 purchase	MBS3245626 is a blocking peptide targeting NPRL3. Also known as NPRL3 Peptide - N-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NPRL3. It may not necessarily be applicable to this product.

NCBI GI #	116292162
NCBI GeneID	8131
NCBI Accession #	NP_001070818.1
UniProt Primary Accession #	Q12980
UniProt Related Accession #	Q12980
GenBank Nucleotide #	NM_001077350.2
NCBI Official Full Name	GATOR complex protein NPRL3 isoform 1
NCBI Official Synonym Full Names	NPR3 like, GATOR1 complex subunit

NCBI Official Symbol	NPRL3
NCBI Official Synonym Symbols	MARE; NPR3; HS-40; RMD11; CGTHBA; FFEVF3; C16orf35
UniProt Protein Name	Nitrogen permease regulator 3-like protein
UniProt Synonym Protein Names	-14 gene protein; Alpha-globin regulatory element-containing gene protein; Protein CGTHBA
UniProt Gene Name	NPRL3
UniProt Synonym Gene Names	C16orf35; CGTHBA; MARE
UniProt Entry Name	NPRL3_HUMAN
NCBI Protein Information	GATOR complex protein NPRL3
NCBI Summary for NPRL3	The function of the encoded protein is not known. [provided by RefSeq, Aug 2011]
UniProt Comments for NPRL3	NPRL3: The function of the encoded protein is not known. [provided by RefSeq, Aug 2011] Protein type: Unknown function Chromosomal Location of Human Ortholog: 16p13.3 Molecular Function: GTPase activator activity Biological Process: cardiac muscle development; palate development; positive regulation of GTPase activity
Research Articles on NPRL3	**1.** This study demonstrated that mutation of NPRL3 in familial focal epilepsies and focal cortical dysplasia.
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