ADARB2 Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	ADARB2, Blocking Peptide
Full Product Name	ADARB2 Peptide - middle region
Product Gene Name	ADARB2 blocking peptide
Product Synonym Gene Name	ADAR3; FLJ25034; FLJ36975; RED2; hRED2
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	ADARB2 peptide (MBS3230504) is used for blocking the activity of ADARB2 antibody (MBS3205541)
Molecular Weight	80kDa
OMIM	602065
Product Categories/Family for ADARB2 blocking peptide	Peptide
Applications Tested/Suitable for ADARB2 blocking peptide	Western Blot (WB)
Related Product Information for ADARB2 blocking peptide	This is a synthetic peptide designed for use in combination with anti-ADARB2 antibody made Target Description: ADARB2 is a member of the double-stranded RNA adenosine deaminase family of RNA-editing enzymes and may play a regulatory role in RNA editing. This gene encodes a member of the double-stranded RNA adenosine deaminase family of RNA-editing enzymes and may play a regulatory role in RNA editing. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-48 DA533361.1 1-48 49-369 AF034837.1 9-329 370-474 AI695657.1 188-292 c 475-2821 AF034837.1 435-2781 2822-3521 AL392083.17 12183-12882 c 3522-3668 BC047443.1 1389-1535
Other Notes	Small volumes of ADARB2 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 ADARB2 purchase	MBS3230504 is a blocking peptide targeting ADARB2. Also known as ADARB2 Peptide - middle region.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ADARB2. It may not necessarily be applicable to this product.

NCBI GI #	8922077
NCBI GeneID	105
NCBI Accession #	NP_061172
UniProt Primary Accession #	Q9NS39
UniProt Related Accession #	Q9NS39
GenBank Nucleotide #	NM_018702

NCBI Official Full Name	double-stranded RNA-specific editase B2
NCBI Official Synonym Full Names	adenosine deaminase RNA specific B2 (inactive)
NCBI Official Symbol	ADARB2
NCBI Official Synonym Symbols	RED2; ADAR3
UniProt Protein Name	Double-stranded RNA-specific editase B2
UniProt Synonym Protein Names	RNA-dependent adenosine deaminase 3; RNA-editing deaminase 2; RNA-editing enzyme 2; dsRNA adenosine deaminase B2
Protein Family	Double-stranded RNA-specific editase
UniProt Gene Name	ADARB2
UniProt Synonym Gene Names	ADAR3; RED2
UniProt Entry Name	RED2_HUMAN
NCBI Protein Information	double-stranded RNA-specific editase B2
NCBI Summary for ADARB2	This gene encodes a member of the double-stranded RNA adenosine deaminase family of RNA-editing enzymes and may play a regulatory role in RNA editing. [provided by RefSeq, Jul 2008]
Research Articles on ADARB2	**1.** High ADAR3 expression is associated with Glioblastoma.
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