LRP8 Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	LRP8, Blocking Peptide
Full Product Name	LRP8 Peptide - middle region
Product Gene Name	LRP8 blocking peptide
Product Synonym Gene Name	APOER2; HSZ75190; MCI1; LRP-8
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	LRP8 peptide (MBS3232471) is used for blocking the activity of LRP8 antibody (MBS3207506)
Molecular Weight	74kDa
Product Categories/Family for LRP8 blocking peptide	Peptide
Applications Tested/Suitable for LRP8 blocking peptide	Immunohistochemistry (IHC), Western Blot (WB)
Related Product Information for LRP8 blocking peptide	This is a synthetic peptide designed for use in combination with anti-LRP8 antibody made Target Description: LRP8 is an apolipoprotein E receptor, a member of the low density lipoprotein receptor (LDLR) family. Apolipoprotein E is a small lipophilic plasma protein and a component of lipoproteins such as chylomicron remnants, very low density lipoprotein (VLDL), and high density lipoprotein (HDL). The apolipoprotein E receptor is involved in cellular recognition and internalization of these lipoproteins.This gene encodes an apolipoprotein E receptor, a member of the low density lipoprotein receptor (LDLR) family. Apolipoprotein E is a small lipophilic plasma protein and a component of lipoproteins such as chylomicron remnants, very low density lipoprotein (VLDL), and high density lipoprotein (HDL). The apolipoprotein E receptor is involved in cellular recognition and internalization of these lipoproteins. Alternative splicing generates multiple transcript variants encoding distinct isoforms for this gene.
Other Notes	Small volumes of LRP8 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 LRP8 purchase	MBS3232471 is a blocking peptide targeting LRP8. Also known as LRP8 Peptide - middle region.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LRP8. It may not necessarily be applicable to this product.

NCBI GI #	61744467
NCBI GeneID	7804
NCBI Accession #	NP_059992
UniProt Primary Accession #	B1AMT8
UniProt Related Accession #	Q14114
GenBank Nucleotide #	NM_017522
NCBI Official Full Name	low-density lipoprotein receptor-related protein 8 isoform 3

NCBI Official Synonym Full Names	LDL receptor related protein 8
NCBI Official Symbol	LRP8
NCBI Official Synonym Symbols	MCI1; LRP-8; APOER2; HSZ75190
Protein Family	Low-density lipoprotein receptor-related protein
NCBI Protein Information	low-density lipoprotein receptor-related protein 8
NCBI Summary for LRP8	This gene encodes a member of the low density lipoprotein receptor (LDLR) family. Low density lipoprotein receptors are cell surface proteins that play roles in both signal transduction and receptor-mediated endocytosis of specific ligands for lysosomal degradation. The encoded protein plays a critical role in the migration of neurons during development by mediating Reelin signaling, and also functions as a receptor for the cholesterol transport protein apolipoprotein E. Expression of this gene may be a marker for major depressive disorder. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jun 2011]
Research Articles on LRP8	**1.** ApoER2-CTF levels are decreased in AD brain at advanced Braak stages and after Abeta treatment.
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