LRP8 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	LRP8, Lysate
Full Product Name	Human LRP8 Protein Lysate
Product Gene Name	LRP8 lysate
Product Synonym Names	LRP8; APOER2; HSZ75190; LRP-8; MCI1
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C This protein lysate can be reconsituted using SDS Sample Buffer. Once reconsituted, aliquot and store any remaining material at -20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	74kDa
3D Structure	ModBase 3D Structure for B1AMT8
Species	Human
Related Product Information for LRP8 lysate	Human LRP8 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells.
Other Notes	Small volumes of LRP8 lysate 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	MBS8427600 is a lysate targeting LRP8. Also known as Human LRP8 Protein Lysate.

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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