Human LRP8 Knockdown Cell Lysate

Cat. No. LRP8-231HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated LRP8 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	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.
Form	Cell-Tissue Lysis buffer
Molecular Mass	106 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg LRP8 KD HeLa cell lysate
Protein Families	Druggable Genome, Secreted Protein, Transmembrane
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	LRP8 low density lipoprotein receptor-related protein 8, apolipoprotein e receptor [Homo sapiens (human)]
Official Symbol	LRP8
Synonyms	LRP8; low density lipoprotein receptor-related protein 8, apolipoprotein e receptor; low-density lipoprotein receptor-related protein 8; APOER2; ApoE receptor 2; MCI1; LRP-8; HSZ75190;
Gene ID	7804
mRNA Refseq	NM_001018054
Protein Refseq	NP_001018064
MIM	602600
UniProt ID	Q14114

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