

Active Recombinant Mouse Lrp5 Protein, His-tagged

Cat. No. Lrp5-608M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Lrp5 (Accession # NP_032539) Met1-Ser1383, fused with a C-terminal 6-His tag, was produced in Human embryonic kidney cell, HEK293-derived.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ser1383
Predicted N Terminal	Ser31
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its binding ability in a functional ELISA. When biotinylated rhDKK-1 is immobilized at 0.25 µg/mL on a streptavidin-coated plate, recombinant mouse LRP-5 binds with an apparent KD < 15 nM.
Molecular Mass	Recombinant Mouse Lrp5, His-tagged has a calculated MW of 152.1 kDa. In SDS-PAGE migrates as 160 kDa, reducing conditions.
Purity	>85%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	Lrp5 low density lipoprotein receptor-related protein 5 [Mus musculus]
Official Symbol	Lrp5
Synonyms	LRP5; low density lipoprotein receptor-related protein 5; low-density lipoprotein receptor-related protein 5; LRP-5; LRP-7; low-density lipoprotein receptor-related protein 7; HBM; LR3; LRP7; OPPG; BMND1; mKIAA4142; KIAA4142;
Gene ID	16973
mRNA Refseq	NM_008513
Protein Refseq	NP_032539
MIM	

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