

Active Recombinant Mouse Lrp6 Protein, His-tagged

Cat. No. Lrp6-1051M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Lrp6 (Accession # O88572) Ala20-Pro1368, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Ala20-Pro1368
Predicted N Terminal	Ala20
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA.rmLRP-6 binds rhDkk-1, biotin with an apparent KD < 15 nM.Biotinylated rmWnt-3a immobilized on a streptavidin-coated plate at 1 µg/mL can bind rmLRP-6 with a linear range of 0.2 - 10 µg/mL.
Molecular Mass	Recombinant Mouse Lrp6, His-tagged has a calculated MW of 152.6 kDa. In SDS-PAGE migrates as 170 kDa, reducing conditions.
Purity	>90%, 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	Lrp6 low density lipoprotein receptor-related protein 6 [Mus musculus]
Official Symbol	Lrp6
Synonyms	LRP6; low density lipoprotein receptor-related protein 6; low-density lipoprotein receptor-related protein 6; LRP-6; crooked; low density lipoprotein-related protein 6; Cd; Gw; C030016K15Rik;
Gene ID	16974
mRNA Refseq	NM_008514
Protein Refseq	NP_032540
MIM	

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