

Active Recombinant Human LRP6 protein, His-Avi-tagged, Biotinylated

Cat. No. LRP6-0371H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human LRP6 protein(Ala20-Pro630), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-630 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human R-Spondin 1, His Tag at 1 µg/mL (100 µL/well) can bind Biotinylated Human LRP-6, His,Avitag with a linear range of 20-156 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 72.5 kDa. The protein migrates as 80-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala20-Pro630
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	LRP6 low density lipoprotein receptor-related protein 6 [Homo sapiens]
Official Symbol	LRP6
Synonyms	LRP6; low density lipoprotein receptor-related protein 6; low-density lipoprotein receptor-related protein 6; LRP-6; ADCAD2; FLJ90062; FLJ90421;
Gene ID	4040
mRNA Refseq	NM_002336
Protein Refseq	NP_002327
MIM	603507
UniProt ID	O75581

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