

Active Recombinant Human LRP5 protein, hFc-tagged

Cat. No. LRP5-285H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human LRP5 protein(Glu644-Gln1263)(O75197-1), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu644-Gln1263
Form	Supplied as 0.22µm filtered solution in PBS, 100mM L-arginine (pH 7.4).
Bio-activity	Immobilized Human DKK1, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human LPR-5, hFc Tag with the EC50 of 1.04µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 96.51 kDa. Due to glycosylation, the protein migrates to 100-115 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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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.

GENE INFORMATION

Gene Name LRP5 low density lipoprotein receptor-related protein 5 [Homo sapiens]

Official Symbol LRP5

Synonyms

LRP5; low density lipoprotein receptor-related protein 5; EVR1, exudative vitreoretinopathy 1 , LRP7, OPPG, osteoporosis pseudoglioma syndrome; low-density lipoprotein receptor-related protein 5; BMND1; HBM; LR3; OPS; LRP-5; low density lipoprotein receptor-related protein 7; EVR1; EVR4; LRP7; OPPG; OPTA1; VBCH2;

Gene ID 4041

mRNA Refseq NM_002335

Protein Refseq NP_002326

MIM 603506

UniProt ID O75197

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