

Active Recombinant Human LRP6 Protein, Fc Chimera

Cat. No. LRP6-1040H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LRP6 (Accession # O75581), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
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.rhLRP-6/Fc Chimera binds rhDkk-1, biotin with an apparent KD < 25 nM.Biotinylated rmWnt-3a immobilized on a streptavidin-coated plate at 1 µg/mL can bind rhLRP-6/Fc Chimera with a linear range of 0.2 - 10 µg/mL. Optimal concentrations should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human LRP6, Fc Chimera has a calculated MW of 180 kDa (monomer). In SDS-PAGE migrates as 200 kDa, reducing conditions.
Purity	>80%, 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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Reconstitution

Reconstitute at 10 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

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
Chromosome Location	12p13.2

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