

## Active Recombinant Human LRP6 Protein, Fc Chimera

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LRP6 (Accession # O75581), fused with , was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Ala20
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Recombinant Human LRP6, Fc Chimera has a calculated MW of 180 kDa (monomer). In SDS-PAGE migrates as 200 kDa, reducing conditions.
<b>Purity</b>	>80%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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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