

Active Recombinant Human LRP1 protein, Fc-tagged

Cat. No. LRP1-3356H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LRP1 protein(Q07954-1)(Arg 786 - Leu 1165), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
Protein Length	Arg 786 - Leu 1165
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Loaded Unconjugated Human PDGF-BB, His, Avitag on NTA Biosensor, can bind Human cluster Protein, Fc Tag with an affinity constant of 7.58 nM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	The protein has a calculated MW of 68.0kDa. The protein migrates as 75-105 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.

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Please avoid repeated freeze-thaw cycles.
 This product is stable after storage 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.

GENE INFORMATION

Gene Name [LRP1 low density lipoprotein receptor-related protein 1 \[Homo sapiens \]](#)

Official Symbol [LRP1](#)

Synonyms LRP1; low density lipoprotein receptor-related protein 1; A2MR, alpha 2 macroglobulin receptor , APR; prolown-density lipoprotein receptor-related protein 1; CD91; LRP; LRP-1; type V tgf-beta receptor; apolipoprotein E receptor; alpha-2-macroglobulin receptor; TbetaR-V/LRP-1/IGFBP-3 receptor; APR; A2MR; APOER; TGFBP5; IGFBP3R; FLJ16451; MGC88725;

Gene ID [4035](#)

mRNA Refseq [NM_002332](#)

Protein Refseq [NP_002323](#)

MIM [107770](#)

UniProt ID [Q07954](#)

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