

Recombinant Human LRP1 protein

Cat. No. LRP1-3357H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LRP1 protein(Arg 786-Leu 1165)(NP_002323.2) was expressed and purified in HEK293, with an additional peptide (ALEVLFG) at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	786-1165 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human LRP1 (aa 786-1165) consists of 387 amino acids and predicts a molecular mass of 42 kDa. As a result of glycosylation, the apparent molecular mass of the protein is approximately 90-120 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 70 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

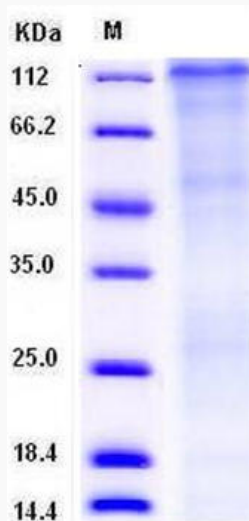
Gene Name	LRP1 low density lipoprotein receptor-related protein 1 [Homo sapiens]
Official Symbol	LRP1
Synonyms	LRP1; low density lipoprotein receptor-related protein 1; A2MR, alpha 2 macroglobulin receptor, APR; prolow-density lipoprotein receptor-related protein 1; CD91; LRP; LRP-1; type V tgf-beta receptor; apolipoprotein E receptor; alpha-2-macroglobulin receptor; TbetaR-V/LRP-1/IGFBP-3 receptor; APR; A2MR; APOER; TGFBRS; IGFBP3R; FLJ16451; MGC88725;
Gene ID	4035
mRNA Refseq	NM_002332
Protein Refseq	NP_002323
MIM	107770
UniProt ID	Q07954

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SDS-PAGE



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