

Recombinant Human LRP1B protein, His & T7-tagged

Cat. No. LRP1B-7872H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LRP1B aa. (Leu31~Lys1944 (Accession # Q9NZR2)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu31~Lys1944
Description	This gene encodes a member of the low density lipoprotein (LDL) receptor family. These receptors play a wide variety of roles in normal cell function and development due to their interactions with multiple ligands. Disruption of this gene has been reported in several types of cancer.
Form	Freeze-dried powder
Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 4.3.
Applications	SDS-PAGE; WB; ELISA; IP

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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

Gene Name	LRP1B LDL receptor related protein 1B [Homo sapiens (human)]
Official Symbol	LRP1B
Synonyms	LRP1B; LDL receptor related protein 1B; LRP-1B; LRPDIT; LRP-DIT; low-density lipoprotein receptor-related protein 1B; LRP-deleted in tumors; low density lipoprotein receptor related protein-deleted in tumor; low density lipoprotein receptor-related protein 1B; low density lipoprotein-related protein 1B (deleted in tumors)
Gene ID	53353
mRNA Refseq	NM_018557.2
Protein Refseq	NP_061027.2

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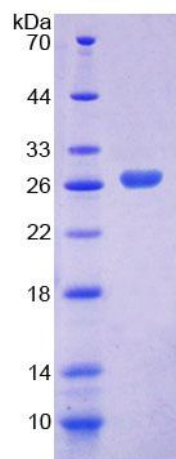
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UniProt ID

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SDS-PAGE

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