

Recombinant Mouse Lrp1 protein, His & GST-tagged

Cat. No. Lrp1-5722M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Lrp1 aa. (Lys337~Ala426) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Lys337~Ala426
Form	Freeze-dried powder
Molecular Mass	41kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 6.4.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; ReporterAssays; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. 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. The loss rate is less

 Tel: 1-631-559-9269 1-516-512-3133

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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.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

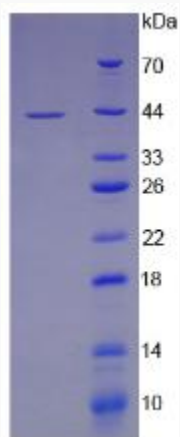
Gene Name	Lrp1 low density lipoprotein receptor-related protein 1 [Mus musculus (house mouse)]
Official Symbol	Lrp1
Synonyms	Lrp1; low density lipoprotein receptor-related protein 1; Lrp; A2mr; CD91; AI316852; b2b1554Clo; prolow-density lipoprotein receptor-related protein 1; LRP-1; alpha 2-macroglobulin receptor; lipoprotein receptor-related protein; lrp1
Gene ID	16971
mRNA Refseq	NM_008512.2
Protein Refseq	NP_032538.2
UniProt ID	Q91ZX7

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SDS-PAGE



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