

Recombinant Mouse Ldlr protein, His-tagged, Biotinylated

Cat. No. Ldlr-3283MB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ldlr protein (NP_034830.2) precursor (Met1-Arg790) with substitution of Val 23 and Gly 27 by Ala 23 and Cys 27 respectively, fused with a C-terminal polyhistidine tag, was expressed in HEK293 Cells. The purified protein was biotinylated in vitro.
Species	Mouse
Source	HEK293
ProteinLength	1-790 a.a.
Predicted N Terminal	Ala 22
Form	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant mouse LDLR consists of 780 amino acids and with a predicted molecular mass of 85.7 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted 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 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Conjugation

Biotin

GENE INFORMATION

Gene Name

[Ldlr low density lipoprotein receptor \[Mus musculus \]](#)

Official Symbol

[Ldlr](#)

Synonyms

LDLR; low density lipoprotein receptor; low-density lipoprotein receptor; LDL receptor; Hlb301;

Gene ID

[16835](#)

mRNA Refseq

[NM_001252658](#)

Protein Refseq

[NP_001239587](#)

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