Recombinant Rat Ldlr protein, His & T7-tagged

Cat. No. Ldlr-5718R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ldlr aa. (Ile335~Ile588 (Accession # P35952)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ile335~Ile588
Form	Freeze-dried powder
Molecular Mass	36kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.
Applications	SDS-PAGE; WB; ELISA; IP.
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 than 5% within the expiration date under appropriate storage condition.

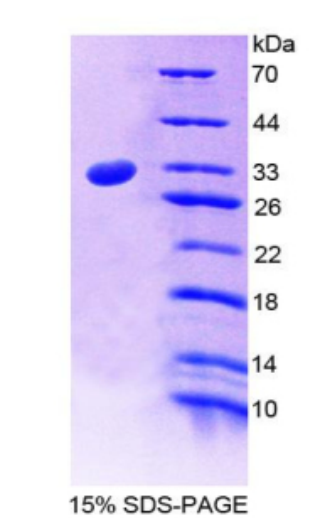
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Ldlr low density lipoprotein receptor [Rattus norvegicus (Norway rat)]
Official Symbol	Ldlr
Synonyms	Ldlr; low density lipoprotein receptor; LDLRA; low-density lipoprotein receptor; LDL receptor
Gene ID	300438
mRNA Refseq	NM_175762.2
Protein Refseq	NP_786938.1
UniProt ID	P35952

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SDS-PAGE	 15% SDS-PAGE

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