Recombinant Mouse Cyp7a1 protein, His & T7-tagged

Cat. No. Cyp7a1-1440M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cyp7a1 aa. (Leu227~Leu467 (Accession # Q64505)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Leu227~Leu467
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.5kDa.
Endotoxin	<1.0EU per 1μg (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 6.9.
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.

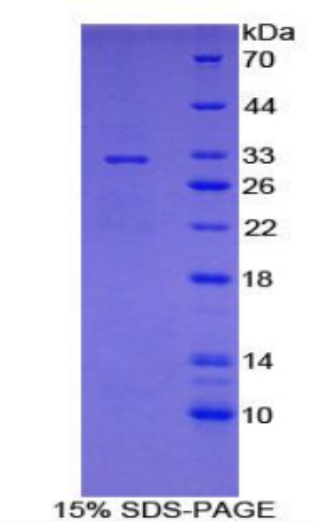
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile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

GENE INFORMATION

Gene Name	Cyp7a1 cytochrome P450, family 7, subfamily a, polypeptide 1 [Mus musculus (house mouse)]
Official Symbol	Cyp7a1
Synonyms	CYPVII; cholesterol 7-alpha-hydroxylase; cytochrome P450 7A1; cytochrome P450, 7a1; cholesterol 7-alpha-monooxygenase
Gene ID	13122
mRNA Refseq	NM_007824.2
Protein Refseq	NP_031850.2
UniProt ID	Q64505

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SDS-PAGE	

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