Recombinant Mouse Cyp24a1 protein, His & T7-tagged

Cat. No. Cyp24a1-8075M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cyp24a1 aa. (His260~Arg514 (Accession # Q64441)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	His260~Arg514
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.2kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.9.
Applications	SDS-PAGE; WB; ELISA; IP.
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

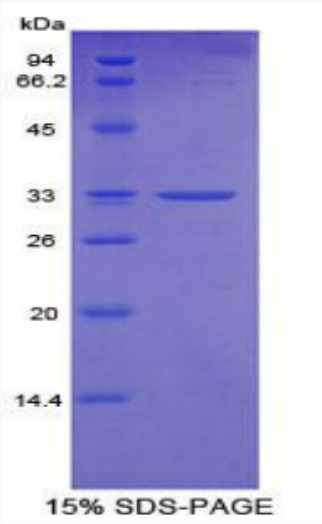
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in ddH2O.

GENE INFORMATION

Gene Name	Cyp24a1 cytochrome P450, family 24, subfamily a, polypeptide 1 [Mus musculus (house mouse)]
Official Symbol	Cyp24a1
Gene ID	13081
mRNA Refseq	NM_009996.4
Protein Refseq	NP_034126.1
UniProt ID	Q64441

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SDS-PAGE	

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