Recombinant Mouse Cyp1a1 protein, His & T7-tagged

Cat. No. Cyp1a1-7963M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cyp1a1 aa. (Met1~Ser250 (Accession # P00184)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Ser250
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.3kDa
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

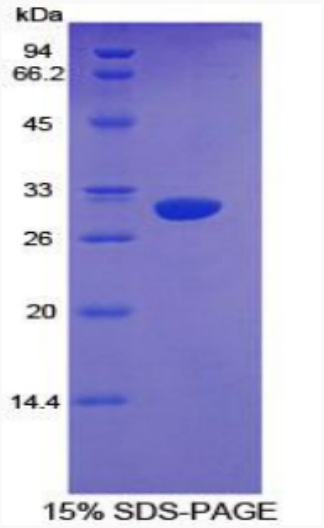
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage 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	Cyp1a1 cytochrome P450, family 1, subfamily a, polypeptide 1 [Mus musculus (house mouse)]
Official Symbol	Cyp1a1
Synonyms	Cyp1a1; cytochrome P450, family 1, subfamily a, polypeptide 1; AHH; AHRR; CP11; CYPIA1; P450-1; cytochrome P450 1A1; cytochrome P450 subfamily I, polypeptide 1; cytochrome P450, 1a1, aromatic compound inducible; cytochrome P450-P1
Gene ID	13076
mRNA Refseq	NM_001136059.2
Protein Refseq	NP_001129531.1
UniProt ID	P00184

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SDS-PAGE	

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