Recombinant Rat Cyp11b1 protein, His & T7-tagged

Cat. No. Cyp11b1-8080R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cyp11b1 aa. (Met1~Val498 (Accession # P15393)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Val498
Description	Catalyzes the conversion of 11-deoxycorticosterone to corticosterone.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 61.2kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.6.
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

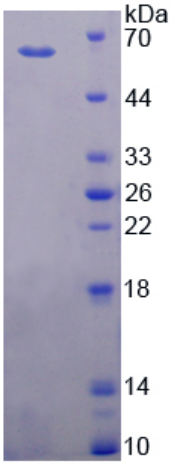
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	at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under 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 PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Cyp11b1 cytochrome P450, family 11, subfamily b, polypeptide 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Cyp11b1
Gene ID	500892
mRNA Refseq	NM_012537.3
Protein Refseq	NP_036669.3
UniProt ID	P15393

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SDS-PAGE	 15% SDS-PAGE

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