

Recombinant Human CYP21A2 protein, His & T7-tagged

Cat. No. CYP21A2-7119H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYP21A2 aa. (Asp106~Gln389 (Accession # P08686)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asp106~Gln389
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 35.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.
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 PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

CYP21A2 cytochrome P450 family 21 subfamily A member 2 [Homo sapiens (human)]

Official Symbol

CYP21A2

Synonyms

CYP21A2; cytochrome P450 family 21 subfamily A member 2; CAH1; CPS1; CA21H; CYP21; CYP21B; P450c21B; steroid 21-hydroxylase; 21-OHase; cytochrome P450 XXI; cytochrome P450, family 21, subfamily A, polypeptide 2; cytochrome P450, subfamily XXIA (steroid 21-hydroxylase, congenital adrenal hyperplasia), polypeptide 2; cytochrome P450-C21B; steroid 21 hydroxylase; steroid 21-monooxygenase

Gene ID

1589

mRNA Refseq

NM_000500.7

Protein Refseq

NP_000491.4

UniProt ID

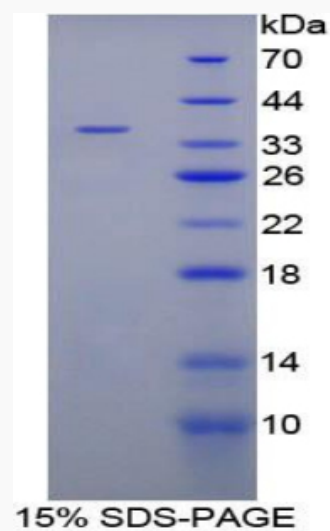
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SDS-PAGE



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