

Recombinant Human CYP3A7 Protein, His-tagged, OVA Conjugated

Cat. No. CYP3A7-2798H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	OVA Conjugated Recombinant Human CYP3A7 Protein (Glu494-Ala503) fused with a N-His tag.
Species	Human
Source	Protein Conjugation
ProteinLength	Glu494-Ala503
Description	This gene encodes a member of the cytochrome P450 superfamily of enzymes, which participate in drug metabolism and the synthesis of cholesterol, steroids and other lipids. This enzyme hydroxylates testosterone and dehydroepiandrosterone 3-sulphate, which is involved in the formation of estriol during pregnancy.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 1 kDa
Purity	> 90%
Applications	Immunogen; SDS-PAGE; WB.
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 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

Conjugation

OVA

GENE INFORMATION

Gene Name

CYP3A7 cytochrome P450, family 3, subfamily A, polypeptide 7 [Homo sapiens]

Official Symbol

CYP3A7

Synonyms

CYP3A7; cytochrome P450, family 3, subfamily A, polypeptide 7; cytochrome P450, subfamily IIIA, polypeptide 7; cytochrome P450 3A7; CP37; P450 HFLA; cytochrome P450-HFLA; microsomal monooxygenase; xenobiotic monooxygenase; aryl hydrocarbon hydroxylase; flavoprotein-linked monooxygenase; CYP11A7; P450-HFLA;

Gene ID

1551

mRNA Refseq

NM_000765

Protein Refseq

NP_000756

MIM

605340

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UniProt ID

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