Cytochrome P450 3A7 (CYP3A7) Recombinant Protein | CYP3A7 recombinant protein

Recombinant Cytochrome P450 3A7 (CYP3A7)

CATALOG #	HOST	APPLICATIONS
AAA134304	**E Coli**	**Western Blot, SDS-Page**

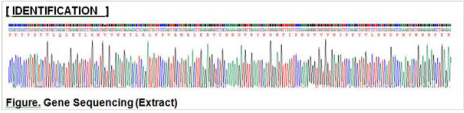
PRODUCT SYNONYMS

Cytochrome P450 3A7 (CYP3A7); Recombinant Cytochrome P450 3A7 (CYP3A7); CYP3A7 recombinant protein

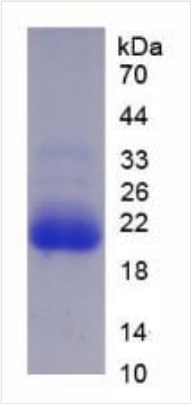
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Sequence Length	503
Applicable Applications for CYP3A7 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Pro344~Asp497
Tags	N-terminal His Tag
Subcellular Location	Membrane, Endoplasmic reticulum lumen
Traits	Freeze-dried powder
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Predicted isoelectric point	9.3
Predicted Molecular Mass	19.1kDa
Accurate Molecular Mass	21kDa as determined by SDS-PAGE reducing conditions.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8ºC for one month. Aliquot and store at -80ºC for 12 months. Stability Test: 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°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

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                                                PPTYDTV
LQMEYLDMVV NETLRLFPIA MRLERVCKKD VEINGMFIPK GVVVMIPSYA
LHRDPKYWTE PEKFLPERFS KKNKDNIDPY IYTPFGSGPR NCIGMRFALM
NMKLALIRVL QNFSFKPCKE TQIPLKLSLG GLLQPEKPVV LKVESRD
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	262290932
NCBI GeneID	1551
NCBI Accession #	NP_000756.2
NCBI GenBank Nucleotide #	NM_000765.3
UniProt Accession #	P24462; A4D288
NCBI Official Full Name	cytochrome P450 3A7
NCBI Official Synonym Full Names	cytochrome P450, family 3, subfamily A, polypeptide 7
NCBI Official Symbol	CYP3A7
NCBI Official Synonym Symbols	CP37; CYPIIIA7; P450-HFLA
NCBI Protein Information	cytochrome P450 3A7; cytochrome P450-HFLA; microsomal monooxygenase; xenobiotic monooxygenase; aryl hydrocarbon hydroxylase; flavoprotein-linked monooxygenase; cytochrome P450, subfamily IIIA, polypeptide 7
UniProt Protein Name	Cytochrome P450 3A7
UniProt Gene Name	**CYP3A7**
UniProt Entry Name	CP3A7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/cyp3a7-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134304