

## Recombinant Human CYP3A5 protein, His-tagged

Cat. No. CYP3A5-3766H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CYP3A5 protein(P20815)(1-502aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-502aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	61.2 kDa
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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**AA Sequence**

MDLIPNLAVETWLLLAVSLVLLYLYGTRTHGLFKRLGIPGPTPLLLGNVLSYRQGLW  
 KFDTECYKKYGKMWGTYEGQLPVLAITDPDVIRTVLVKECYSVFTNRRSLGPVGF  
 KSAISLAEDEEWKRIRSLLSPTFTSGKLEMFPIIAQYGDVLRNLRREAEGKGPVTL  
 KDIFGAYSMDVITGTSFGVNIDSLNNPQDPFVESTKKFLKFGFLDPLFLSILFPFLTPV  
 FEALNVSLFPKDTINFLSKSVNRMKKSRLNDKQKHRLDFLQLMIDSQNSKETESHKA  
 LSDLELAAQSIIIFAGYETTSSVLSFTLYELATHPDVQQKLQKEIDAVLPNKAPPTYDA  
 VVQMEYLDMMVNETLRLFPVAIRLERTCKKDVEINGVFIPKGSMMVVIPTYALHHPKY  
 WTEPEEFRPERFSKKKDSIDPYIYTPFGTGPRNCIGMRFALMNMKLALIRVLQNFSEK  
 PCKETQIPLKLDLDTQGLLQPEKPIVLKVDSRDGTLSE

## GENE INFORMATION

**Gene Name** CYP3A5 cytochrome P450, family 3, subfamily A, polypeptide 5 [ Homo sapiens ]

**Official Symbol** CYP3A5

**Synonyms**

CYP3A5; cytochrome P450, family 3, subfamily A, polypeptide 5; cytochrome P450, subfamily IIIA (niphedipine oxidase), polypeptide 5; cytochrome P450 3A5; CP35; P450PCN3; PCN3; cytochrome P-450; niphedipine oxidase; cytochrome P450 HLp2; cytochrome P450-PCN3; microsomal monooxygenase; xenobiotic monooxygenase; aryl hydrocarbon hydroxylase; flavoprotein-linked monooxygenase; CYP11A5; FLJ31317; DKFZp686L16231;

**Gene ID** 1577

**mRNA Refseq** NM\_000777

**Protein Refseq** NP\_000768

**MIM** 605325

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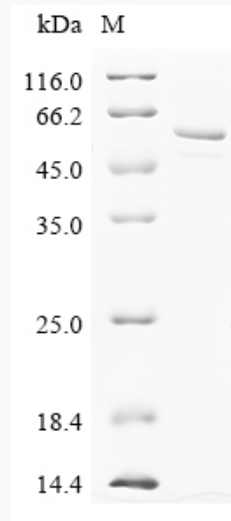
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UniProt ID

P20815

SDS-PAGE



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