

Recombinant Human CYP3A5 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CYP3A5 protein(P20815)(1-502aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-502aa
Form	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.
Molecular Mass	61.2 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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

MDLIPNLAVETWLLAVSLVLLYLYGTRTHGLFKRLGIPGPTPLPLLGNVLSYRQGLW
 KFDTECYKKYGKMWGTYEGQLPVLAITDPDVIRTVLVKECYSVFTNRRSLGPVGM
 KSAISLAEDEEWKRIRSLLSPTFTSGKLKEMFPIAQYGDVLRNLRREAEGKPVTL
 KDIFGAYSMDVITGTSFGVNIDSLNNPQDPFVESTKKFLKFGFLDPLFLSIILFPFLTPV
 FEALNVSLFPKDTINFLSKSVNRMKKSRLNDKQKHRLDFLQLMIDSQNSKETESHKA
 LSDLELAAQSIIFIFAGYETTSSVLSFTLYELATHPDVQQKLQKEIDAVLPNKAPPTYDA
 VVQMEYLDMMVNETLRLFPVAIRLERTCKKDVEINGVFIPKGSMMVVIPTYALHHPKY
 WTEPEEFRPERFSKKKDSIDPYIYTPFGTGPRNCIGMRFALNMNKLALIRVLQNFSFK
 PCKETQIPLKLDLTQGLLQPEKPIVLKVDSRDGTLSGE

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

Gene ID 1577

mRNA Refseq NM_000777

Protein Refseq NP_000768

MIM 605325

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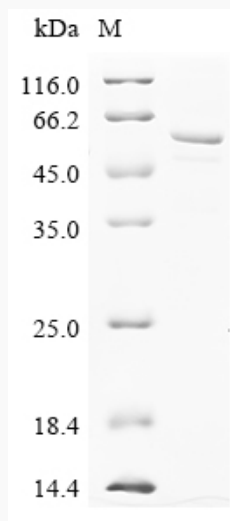
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UniProt ID

P20815

SDS-PAGE



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