

Recombinant Human CYP3A4 Full Length Transmembrane protein (Ala2-Ala503), His-tagged

Cat. No. CYP3A4-545H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYP3A4 Protein (NP_059488.2) (Ala2-Ala503) was produced by E. coli expression system. This protein was expressed with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	2-503aa
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	63.3 kDa
AA Sequence	ALIPDLAMETWLLLAVSLVLLYLYGTHSHGLFKKLGIPGPTPLPFLGNILSYHKGFCMF DMECHKKYGKVGWGFYDGQQPVLAITDPDMIKTVLVKECYSVFTNRRPFGPVGFMK SAISIAEDEEWKRLRSLLSPTFTSGKLEMPVIAQYGDVLRNLRREAETGKPVTLK DVFGAYSMDVITSTSFGVNIDSLNNPQDPFVENTKKLLRFDLDPFFLSITVFPFLIPIL EVLNICVFPREVTNFLRKSVMKESRLEDTQKHRVDFLQLMIDSQNSKETESHKAL SDLELVAQSIIFIFAGYETTSSVLSFIMYELATHPDVQQKLQEEIDAVLPNKAPPTYDTV LQMEYLDMMVNETLRLFPIAMRLERVCKKDVEINGMFIPKGVVVMIPSYALHRDPKY

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WTEPEKFLPERFSKKNKDNIDPYIYTPFGSGPRNCIGMRFALNMNKLALIRVLQNFSF
KPKKETQIPLKLSLGGLLQPEKPVVLKVESRDGTVSGA-

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 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. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name CYP3A4 cytochrome P450, family 3, subfamily A, polypeptide 4 [Homo sapiens]

Official Symbol CYP3A4

Synonyms CYP3A4; cytochrome P450, family 3, subfamily A, polypeptide 4; CYP3A3, cytochrome P450, subfamily IIIA (niphedipine oxidase), polypeptide 4; cytochrome P450 3A4; nifedipine oxidase; cytochrome P450 3A3; cytochrome P450 HLp; cytochrome P450-PCN1; cytochrome P450 NF-25; albendazole sulfoxidase; quinine 3-monooxygenase; albendazole monooxygenase; P450-III, steroid inducible; glucocorticoid-inducible P450; taurochenodeoxycholate 6-alpha-hydroxylase; cytochrome P450, subfamily IIIA (niphedipine oxidase), polypeptide 3; cytochrome P450, subfamily IIIA (niphedipine oxidase), polypeptide 4; HLP; CP33; CP34; CYP3A; NF-25; CYP3A3; P450C3; CYP3A3; CYP3A4; P450PCN1; MGC126680;

Gene ID 1576

mRNA Refseq NM_001202855

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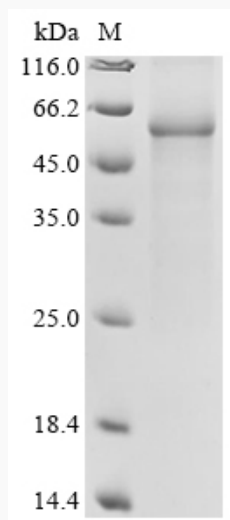
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Protein Refseq NP_001189784

MIM 124010

UniProt ID P08684

SDS-PAGE



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