

## Recombinant Human CYP2A6 protein, His&Myc-tagged

Cat. No. CYP2A6-2792H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CYP2A6 protein(P11509)(29-494aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	29-494aa
<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>	60.8 kDa
<b>AA Sequence</b>	SKGKLPPGPTPLPFIGNYLQLNTEQMYNSLMKISERYGPVFTIHLGPRRVVVLCGHD AVREALVDQAEFEFSGRGEQATFDWVFKGYGVVFSNGERAKQLRRFSIATLRDFGV GKRGIEERIQQEEAGFLIDALRGTGGANIDPTFFLSRTVSNVISSIVFGDRFDYKDKFEL SLLRMMLGIFQFTSTSTGQLYEMFSSVMKHLPGPQQQAFQLLQGLEDFIAKKVEHN QRTLDPNSPRDFIDSFLIRMQEEKKNPNTFYLKNLVMTTLNLFIGGTETVSTTLRYG FLLLMKHPEVEAKVHEEIDRVIGKNRQPKFEDRAKMPYMEAVIHEIQRFGDVIPMSLA RRVKKDTKFRDFFLPKGTEVFPMLGSLVRDPSFFSNPQDFNPQHFLNEKGQFKKSD AFVPFSIGKRNCFGEGGLARMELFLFFTTVMQNFRLKSSQSPKDIDVSPKHVGFATIPR NYTMSFLPR

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<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>	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

<b>Gene Name</b>	CYP2A6 cytochrome P450, family 2, subfamily A, polypeptide 6 [ Homo sapiens ]
<b>Official Symbol</b>	CYP2A6
<b>Synonyms</b>	CYP2A6; cytochrome P450, family 2, subfamily A, polypeptide 6; CYP2A3, cytochrome P450, subfamily IIA (phenobarbital inducible), polypeptide 6; cytochrome P450 2A6; CPA6; CYP2A; cytochrome P450(I); cytochrome P450 IIA3; coumarin 7-hydroxylase; xenobiotic monooxygenase; flavoprotein-linked monooxygenase; cytochrome P450, subfamily IIA (phenobarbital-inducible), polypeptide 6; CYP2A3; P450PB; CYP1IA6; P450C2A;
<b>Gene ID</b>	1548
<b>mRNA Refseq</b>	NM_000762
<b>Protein Refseq</b>	NP_000753
<b>UniProt ID</b>	P11509

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