Recombinant Human CYP2A6 protein, His&Myc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CYP2A6 protein(P11509)(29-494aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	29-494aa
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	60.8 kDa
AA Sequence	SKGKLPPGPTPLPFIGNYLQLNTEQMYNSLMKISERYGPVFTIHLGPRRVVVLCGHD AVREALVDQAEEFSGRGEQATFDWVFKGYGVVFSNGERAKQLRRFSIATLRDFGV GKRGIEERIQEEAGFLIDALRGTGGANIDPTFFLSRTVSNVISSIVFGDRFDYKDKEFL SLLRMMLGIFQFTSTSTGQLYEMFSSVMKHLPGPQQQAFQLLQGLEDFIAKKVEHN QRTLDPNSPRDFIDSFLIRMQEEEKNPNTEFYLKNLVMTTLNLFIGGTETVSTTLRYG FLLLMKHPEVEAKVHEEIDRVIGKNRQPKFEDRAKMPYMEAVIHEIQRFGDVIPMSLA RRVKKDTKFRDFFLPKGTEVFPMLGSVLRDPSFFSNPQDFNPQHFLNEKGQFKKSD AFVPFSIGKRNCFGEGLARMELFLFFTTVMQNFRLKSSQSPKDIDVSPKHVGFATIPR NYTMSFLPR

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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	CYP2A6 cytochrome P450, family 2, subfamily A, polypeptide 6 [Homo sapiens]
Official Symbol	CYP2A6
Synonyms	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; CYPIIA6; P450C2A;
Gene ID	1548
mRNA Refseq	NM_000762
Protein Refseq	NP_000753
UniProt ID	P11509

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