



# Recombinant Human Cytochrome P450 2J2 (CYP2J2)

<b>Product Code</b>	CSB-EP006430HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P51589
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MLAAMGSLAA ALWAVVHPRT LLLGTVAFL L AADFLKRRRP KNYPPGPWRL PFLGNFFLVD FEQSHLEVQL FVKKYGNLFS LELGDISAVL ITGLPLIKEA LIHMDQNFNGN RPVTPMREHI FKKNGLIMSS GQAWKEQRRF TLTALRNFG GKKSLEERIQ EEAQHLTEAI KEENGQPFDP HFKINNAVSN IICSITFGER FEYQDSWFQQ LLKLLDEVTY LEASKTCQLY NVFPWIMKFL PGPHTLFSN WKKLKLFVSH MIDKHRKDOWN PAETRFIDA YLKEMSKHTG NPTSSFHEEN LICSTLDLFF AGTETTSTTL RWALLYMALY PEIQEKVQAE IDRVIQGGQQ PSTAARESMP YTNAVIHEVQ RMGNIPLNV PREVTVDTTL AGYHLPKGT M ILTNLTALHR DPTWATPDT FNPDHLENG QFKKREAFMP FSIGKRA CLG EQLARTELF I FFTSLMQKFT FRPPNNEKLS LKFRMGITIS PVSHRLCAVP QV
<b>Source</b>	E.coli
<b>Target Names</b>	CYP2J2
<b>Protein Names</b>	Recommended name: Cytochrome P450 2J2 EC= 1.14.14.1 Alternative name(s): Arachidonic acid epoxygenase CYP11J2
<b>Expression Region</b>	1-502
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and is thought to be the predominant enzyme responsible for epoxidation of endogenous arachidonic acid in cardiac tissue.
<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. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.