



# Recombinant Human Cytochrome P450 2W1 (CYP2W1)

<b>Product Code</b>	CSB-MP823444HU
<b>Abbreviation</b>	CYP2W1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8TAV3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MALLLLLFLG LLGLWGLLCA CAQDPSPAAR WPPGPRPLPL VGNLHLLRLS QQDRSLMELS ERYGPVFTVH LGRQKTVVLT GFEAVKEALA GPGQELADRP PIAIFQLIQR GGGIFFSSGA RWRAARQFTV RALHSLGVGR EPVADKILQE LKCLSGQLDG YRGRPFPLAL LGWAPSNITF ALLFGRRFDY RDPVFSLLG LIDEVMVLLG SPGLQLFNVE PWLGALLQLH RPVLRKIEEV RAILRTLLEA RRPHVCPGDP VCSYVDALIQ QGQGDPEGL FAEANAVACT LDMVMAGTET TSATLQWAAL LMGRHPDVQG RVQEELDRVL GPGRTPRLED QQALPYTSAV LHEVQRFITL LPHVPRCTAA DTQLGGFLLP KGTPVIPLLT SVLLDETQWQ TPGQFNPGHF LDANGHFVKR EAFLPFSAGR RVCVGERLAR TELFLLFAGL LQRYRLLPPP GVSPASLDTT PARAFTMRPR AQALCAVPRP
<b>Source</b>	Mammalian cell
<b>Target Names</b>	CYP2W1
<b>Protein Names</b>	Recommended name: Cytochrome P450 2W1 EC= 1.14.14.- Alternative name(s): CYP11W1
<b>Expression Region</b>	1-490
<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.
<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

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