



# Recombinant Human Cytochrome P450 2S1 (CYP2S1)

<b>Product Code</b>	CSB-MP857028HU
<b>Abbreviation</b>	CYP2S1
<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>	Q96SQ9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MEATGTWALL LALALLLLLT LALSGTRARG HLPPGPTPLP LLGNLLQLRP GALYSGLMRL SKKYGPVFTI YLGPWRPVVV LVGQEAVREA LGGQAEFSG RGTVAMLEGT FDGHGVFFSN GERWRQLRKF TMLALRDLGM GKREGEELIQ AEARCLVETF QGTEGRPFDP SLLLAQATSN VVCSLLFGLR FSYEDKEFQA VVRAAGTLL GVSSQGGQTY EMFSWFLRPL PGPHKQLLHH VSTLAAFTVR QVQQHQGNLD ASGPARDLVD AFLKMAQEE QNPGTEFTNK NMLMTVIYLL FAGTMTVSTT VGYTLLLLMK YPHVQKWVRE ELNRELGAGQ APSLGDRTLR PYTDAVLHEA QRLLALVPMG IPRTLMTTR FRGYTLPQGT EVFPLLGSIL HDPNIFKHPE EFNPDRLDA DGRFRKHEAF LPFSLGKRVC LGEGLAKAEL FLFFTTILQA FSLESPCPD TSLKPTVSG LFNIPPAFQL QVRPTDLHST TQTR
<b>Source</b>	Mammalian cell
<b>Target Names</b>	CYP2S1
<b>Protein Names</b>	Recommended name: Cytochrome P450 2S1 EC= 1.14.14.1 Alternative name(s): CYP1I51
<b>Expression Region</b>	1-504
<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. In rodents, the homologous protein has been shown to metabolize certain carcinogens; however, the specific function of the human protein has not been determined.

**Reconstitution**

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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