



Recombinant Human Cytochrome P450 2S1 (CYP2S1)

Product Code	CSB-EP857028HU-B
Abbreviation	CYP2S1
Storage	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.
Uniprot No.	Q96SQ9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MEATGTWALL LALALLLLLT LALSGTRARG HLPPGPTPLP LLGNLLQLRP GALYSGLMRL SKKYGPVFTI YLGPWRPVVV LVGQEAVREA LGGQAEFSG RGTVAMLEGT FDGHGVFFSN GERWRQLRKF TMLALRDLGM GKREGEELIQ AEARCLVETF QGTEGRPFDP SLLLAQATSN VVCSLLFGLR FSYEDKEFQA VVRAAGGTLL GVSSQGGQTY EMFSWFLRPL PGPHKQLLHH VSTLAAFTVR QVQQHQGNLD ASGPARDLVD AFLKMAQEE QNPGTEFTNK NMLMTVIYLL FAGTMTVSTT VGYTLLLLMK YPHVQKWVRE ELNRELGAGQ APSLGDRTRL PYTDAVLHEA QRLLALVPMG IPRTLMTTR FRGYTLPQGT EVFPLLGSIL HDPNIFKHPE EFNPDRLDA DGRFRKHEAF LPFSLGKRVC LGEGLAKAEL FLFFTILQA FSLESPCPD TSLKPTVSG LFNIPPAFQL QVRPTDLHST TQTR
Source	E.coli
Target Names	CYP2S1
Protein Names	Recommended name: Cytochrome P450 2S1 EC= 1.14.14.1 Alternative name(s): CYP1IS1
Expression Region	1-504
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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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