



Recombinant Human Sulfotransferase family cytosolic 1B member 1 (SULT1B1)

Product Code	CSB-YP022937HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43704
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MLSPKDILRK DLKLVHGYPM TCAFASNWEK IEQFHSRPDD IVIATYPKSG TTWVSEIIDM ILNDGDIEKC KRGFITEKVP MLEMTLPGLR TSGIEQLEKN PSPRIVKTHL PTDLLPKSFW ENNCKMIYLA RNAKDVSVSY YHFDLMNNLQ PFPGTWEEYL EKFLTGVKVA Y GSWFTHVKNW WKKKEHPIL FLYYEDMKEN PKKEIKKIIR FLEKNLNDEI LDRIIHHTSF EVMKDNPLVN YTHLPTTVMD HSKSPFMRKG TAGDWKNYFT VAQNEKFDI YETEMSKTAL QFRTEI
Source	Yeast
Target Names	SULT1B1
Protein Names	Recommended name: Sulfotransferase family cytosolic 1B member 1 Short name= ST1B1 Short name= Sulfotransferase 1B1 EC= 2.8.2.- Alternative name(s): Sulfotransferase 1B2 Short name= ST1B2 Thyroid hormone sulfotransferase
Expression Region	1-296
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	Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. The gene structure (number and length of exons) is similar among family members. However, the total genomic length of this gene is greater than that of other SULT1 genes.
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	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.