



# Recombinant Rat Sulfotransferase family cytosolic 1B member 1 (Sult1b1)

<b>Product Code</b>	CSB-YP022937RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P52847
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MGTAEDVFRK DLKIIHGYPM VYAFALGWEEK IIEFQSRPCD IVIPTYPKSG TTWLSEIVDM VLNDGNVEKC KRDVITSKVP MLEQNVPGAR RSGVELLKKT PSPRIIKTHL PIDLLPKSFW DNKCKMIYLA RNGKDVAVSY YHFDLMNNIQ PLPGTWEEYL EKFLAGNAVAY GSWFDHVKSW WEKREGHPIL FLYYEDLKKN PKKEIKKIAN FLDKTLDEHT LERIVHHTSF EVMKDNPLVN YTHLPTEIMD HSKSPFMRKG VVGDWKNYFT MTQSEKFDI YKKKLSGTTL EFCTDIQSA
<b>Source</b>	Yeast
<b>Target Names</b>	Sult1b1
<b>Protein Names</b>	Recommended name: Sulfotransferase family cytosolic 1B member 1 Short name= ST1B1 Short name= Sulfotransferase 1B1 EC= 2.8.2.- Alternative name(s): DOPA/tyrosine sulfotransferase
<b>Expression Region</b>	1-299
<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>	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.
<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.
<b>Shelf Life</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.