

Sulfotransferase family cytosolic 1B member 1 (Sult1b1) Recombinant Protein | Sult1b1 recombinant protein

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

CATALOG # AAA81718	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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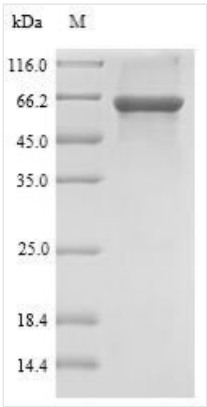
PRODUCT SYNONYMS

Sulfotransferase family cytosolic 1B member 1 (Sult1b1); Recombinant Rat Sulfotransferase family cytosolic 1B member 1 (Sult1b1); Sulfotransferase family cytosolic 1B member 1; ST1B1; Sulfotransferase 1B1; EC=2.8.2.-; DOPA/tyrosine sulfotransferase; Sult1b1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-299aa; Full Length
Sequence	MGTAEDVFRK DLKIIHGYPM VYAFALGWEK IEEFQSRPCD IVIPTPKSG TTWLSEIVDM VLNDGNVEKC KRDVITSKVP MLEQNVPGAR RSGVELLKKT PSPRIKTHL PIDLLPKSFW DNKCKMIYLA RNGKDVAVS YHFDLMNNIQ PLPGTWEEYL EKFLAGNVAY GSWFDHVKSW WEKREGHPIL FLYYEDLKKN PKKEIKKIAN FLDKTLDEHT LERIVHHTSF EVMKDNPLVN YTHLPTEIMD HSKSPFMRKG VVGDWKNYFT MTQSEKFDI YKKKLSGTTL EFCTDIQSA
Sequence Length	299
Species	Rattus norvegicus (Rat)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Sult1b1 recombinant protein	Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs and xenobiotic compounds. Sulfonation increases the water solubility of most compounds, and therefore their renal excretion, but it can also result in bioactivation to form active metabolites. sulfonation of DOPA, tyrosine isomers and thyroid hormones such as 3,3',5-triiodothyronine and 3,3'-diiodothyronine. May play a role in the limitation of the production of L-DOPA and L-m-tyrosine and also in facilitating their excretion.
Product Categories/Family for Sult1b1 recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	11968092
NCBI GeneID	64305
NCBI Accession #	NP_071958.1
NCBI GenBank Nucleotide #	NM_022513.2
UniProt Accession #	P52847
Molecular Weight	54.8 kDa
NCBI Official Full Name	sulfotransferase family cytosolic 1B member 1
NCBI Official Synonym Full Names	sulfotransferase family, cytosolic, 1B, member 1
NCBI Official Symbol	Sult1b1
NCBI Official Synonym Symbols	ST1B1
NCBI Protein Information	sulfotransferase family cytosolic 1B member 1; sulfotransferase 1B1; dopa/tyrosine sulfotransferase; sulfotransferase family 1B, member 1
UniProt Protein Name	Sulfotransferase family cytosolic 1B member 1
UniProt Gene Name	Sult1b1
UniProt Synonym Gene Names	St1b1; ST1B1; Sulfotransferase 1B1
UniProt Entry Name	ST1B1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

