

Sulfotransferase 1A1 (Sult1a1) Recombinant Protein | Sult1a1 recombinant protein

Recombinant Mouse Sulfotransferase 1A1 (Sult1a1)

CATALOG #
AAA113707

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

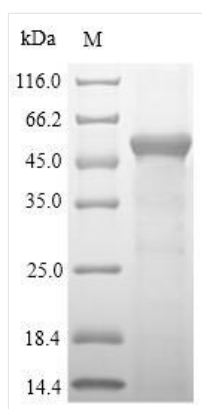
PRODUCT SYNONYMS

Sulfotransferase 1A1 (Sult1a1); Recombinant Mouse Sulfotransferase 1A1 (Sult1a1); Sulfotransferase 1A1; ST1A1; EC=2.8.2.1; Aryl sulfotransferase; Phenol sulfotransferase; Phenol/aryl sulfotransferase; mSTp1; ST1A4; Sulfokinase; Sult1a1 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	1-291aa; Full Length
Sequence	MEPLRKPLVP VKGIPLIKYF AETMEQLQNF TAWPDDVLIS TYPKSGTNWM SEIMDMIYQG GKLDKCGRAP VYARIPFLEF SCPGVPPGLE TLKETPAPRI IKTHLPLSLL PQSLDQKIK VIYVARNKD VVVSYYNFYK MAKLHPDPTG WESFLENFMD GKVSYSWYQ HVKEWWELRR THPVLVLYFE DMKENPKREI KKILEFLGRS LPEETVDLIV HHTSFKKMKE NPMANYTTIP TEVMDHTIYP FMRKGTIGDW KNTFTVAQSE HFDAHYAKLM TGCDFTFRCQ I
Species	Mus musculus (Mouse)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-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 Sult1a1 recombinant protein	Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of catecholamines, phenolic drugs and neurotransmitters. Has also estrogen sulfotransferase activity. responsible for the sulfonation and activation of minoxidil. Is Mediates the metabolic activation of carcinogenic N-hydroxyarylamines to DNA binding products and could so participate as modulating factor of cancer risk.
Product Categories/Family for Sult1a1 recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	1711570
NCBI GeneID	20887
UniProt Accession #	P52840
Molecular Weight	54 kDa
NCBI Official Full Name	Sulfotransferase 1A1
NCBI Official Synonym Full Names	sulfotransferase family 1A, phenol-preferring, member 1
NCBI Official Symbol	Sult1a1
NCBI Official Synonym Symbols	PST; Stp; Stp1; ST1A1; AI266890
NCBI Protein Information	sulfotransferase 1A1; ST1A4; mSTp1; sulfokinase; aryl sulfotransferase; phenol sulfotransferase; arylsulfotransferase ST1A4; phenol/aryl sulfotransferase; sulfotransferase, phenol preferring 1
UniProt Protein Name	Sulfotransferase 1A1
UniProt Gene Name	Sult1a1
UniProt Synonym Gene Names	St1a1; Stp; Stp1; ST1A1; mSTp1
UniProt Entry Name	ST1A1_MOUSE

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.

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Online datasheet: <https://www.aaabiotech.com/sult1a1-recombinant-protein-e-coli/113707>