

Cytosolic Sulfotransferase Family 1B Member 1 Active Protein | SULT1B1 active protein

Recombinant Human Cytosolic Sulfotransferase Family 1B Member 1 Protein

CATALOG #
AAA174591

HOST
E Coli

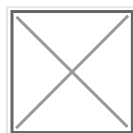
PRODUCT SYNONYMS

Cytosolic Sulfotransferase Family 1B Member 1; Recombinant Human Cytosolic Sulfotransferase Family 1B Member 1 Protein; ATR; GAPO; TEM8; SULT1B1 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from sterile sterile 20mM Tris, 0.1M NaCl, 10% glycerol, 1mM DTT, pH8.0, 5% Trehalose, 5% Mannitol, 0.01% Tween-80.
Sequence	Met1-Ile29 6
Sequence Length	296
Species	Human
Endotoxin	<1.0 EU per ug as determined by LAL method.
Fragment	Met1-Ile296
Tag	N-6His
Bio Activity	Measured by its ability to transfer sulfate from PAPS to 1-Napthol. The specific activity is > 40 pmoles/min/ug.
Reconstitution	It is recommended that sterile 20mM Tris, 0.1M NaCl ,pH8.4(200ul) be added to the vial to prepare a stock solution of 0.25mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months. Shipping: Ships on Dry Ice.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SULT1B1 active protein

Sulfotransferase Family Cytosolic 1B Member 1 (SULT1B1) is a cytosolic enzyme that belongs to the Sulfotransferase 1 family. Human SULT1B1 is a 296 amino acid protein that is highly expressed in the liver, peripheral blood leukocytes, colon, small intestine, and spleen. SULT1B1 utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor, and it can catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29550928
NCBI GeneID	27284
NCBI Accession #	NP_055280.2
NCBI GenBank Nucleotide #	NM_014465.4
UniProt Accession #	O43704; O15497; Q96FI1; Q9UK34
Molecular Weight	Molecular Mass: 36.3 kDa Actual Protein Molecular Mass: 34kDa
NCBI Official Full Name	sulfotransferase family cytosolic 1B member 1
NCBI Official Synonym Full Names	sulfotransferase family 1B member 1
NCBI Official Symbol	SULT1B1
NCBI Official Synonym Symbols	ST1B1; ST1B2; SULT1B2
NCBI Protein Information	sulfotransferase family cytosolic 1B member 1
UniProt Protein Name	Sulfotransferase family cytosolic 1B member 1
UniProt Gene Name	SULT1B1
UniProt Synonym Gene Names	ST1B2; SULT1B2; ST1B1; Sulfotransferase 1B1; ST1B2

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://stage.aaabiotech.com/e-coli-active-protein/cytosolic-sulfotransferase-family-1b-member-1/174591>