

Cytosolic Sulfotransferase Family 1A Member 3 Active Protein | SULT1A3 active protein

Recombinant Human Cytosolic Sulfotransferase Family 1A Member 3 Protein

CATALOG #
AAA174592

HOST
E Coli

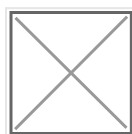
PRODUCT SYNONYMS

Cytosolic Sulfotransferase Family 1A Member 3; Recombinant Human Cytosolic Sulfotransferase Family 1A Member 3 Protein; Sulfotransferase 1A3/1A4; ST1A3/ST1A4; Aryl Sulfotransferase 1A3/1A4; Catecholamine-Sulfating Phenol Sulfotransferase; HAST3; M-PST; Monoamine-Sulfating Phenol Sulfotransferase; Placental Estrogen Sulfotransferase; Sulfotransferase Monoamine-Preferring; Thermolabile Phenol Sulfotransferase; TL-PST; SULT1A3; STM; SULT1A4; SULT1A3 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE.
Form/Format	Supplied as a 0.2 um filtered solution of 20mM Tris, 100mM NaCl, pH 8.0.
Concentration	0.4mg/mL (varies by lot)
Species	Human
Endotoxin	<1.0 EU per ug as determined by LAL test.
Sequence	Met1-Leu295
Fusion Tag	N-6His
Bio Activity	Measured by its ability to transfer sulfate from PAPS to 1-Naphthol. The specific activity is > 150 pmoles/min/ug.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at <-20°C.
Preparation and Storage	Store at < -20 degree C, stable for 6 months. Please minimize freeze-thaw cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SULT1A3 active protein

Sulfotransferase 1A3/1A4 (SULT1A3) is 295 amino acids in length and localizes to the cytoplasm. It is a member of the Sulfotransferase 1 family. SULT1A3 can be found in the liver, colon, kidney, lung, brain, spleen, small intestine, placenta, and leukocytes. SULT1A3 exists as a homodimer and it catalyzes the sulfation of phenolic monoamines, such as dopamine, norepinephrine and serotonin, and phenolic and catecholic drugs.

NCBI AND UNIPROT INFORMATION

NCBI GI #

1711609

NCBI GeneID	6818
UniProt Accession #	P50224; P0DMM9
Molecular Weight	Molecular Mass: 35.6kDa Actual Protein Molecular Mass: 35kDa
NCBI Official Synonym Full Names	sulfotransferase family 1A member 3
NCBI Official Symbol	SULT1A3
NCBI Official Synonym Symbols	STM; HAST; HAST3; M-PST; ST1A3; ST1A4; ST1A5; TL-PST; ST1A3/ST1A4
NCBI Protein Information	sulfotransferase 1A3

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-1a-member-3/174592>