

Recombinant Human SULT1A1 Protein, DYKDDDDK-tagged

Cat. No. SULT1A1-25H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein from the full-length sequence of homo sapiens sulfotransferase family 1A member 1 (SULT1A1), transcript variant 1 (NM_001055), with a DYKDDDDK tag was expressed in human cells.
Species	Human
Source	Human Cells
Description	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. This gene encodes one of two phenol sulfotransferases with thermostable enzyme activity. Multiple alternatively spliced variants that encode two isoforms have been identified for this gene.
Molecular Mass	37 kDa
Endotoxin	< 0.1 ng/ µg of protein (< 1 EU/ µg)
Purity	> 90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies; For research & development use only!

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Storage Buffer

Purified protein formulated in a sterile solution of PBS buffer, pH7.2, without any preservatives

GENE INFORMATION
Gene Name

SULT1A1 sulfotransferase family 1A member 1 [Homo sapiens (human)]

Official Symbol

SULT1A1 sulfotransferase family 1A member 1 [Homo sapiens (human)]

Synonyms

SULT1A1; sulfotransferase family 1A member 1; PST; STP; STP1; P-PST; ST1A1; ST1A3; TSPST1; ts-PST; P-PST 1; HAST1/HAST2; sulfotransferase 1A1; aryl sulfotransferase 1; phenol-sulfating phenol sulfotransferase 1; sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1; thermostable phenol sulfotransferase1; EC 2.8.2.1

Gene ID

6817

mRNA Refseq

NM_001055

Protein Refseq

NP_001046

MIM

171150

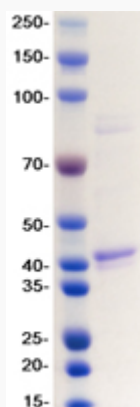
UniProt ID

P50225

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SDS-PAGE

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