

Product datasheet for **TP314872**

SULT1A2 (NM_177528) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human sulfotransferase family, cytosolic, 1A, phenol-preferring, member 2 (SULT1A2), transcript variant 2, 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC214872 protein sequence
Red=Cloning site **Green**=Tags(s)

MELIQDISRPPLEYVKGVPLIKYFAEALGPLQSFQARPDDLSTYPKSGTTWVSQILDMIYQGGDLEKC
HRAPIFMRVVPFLEFKVPGIPSGMETLKNTAPARLLKTHLPLALLPQTLLDQVKVWVYVARNAKDVAVSYY
HFYHMAKVYPHPGTWESFLEKFMAGEVSYGSWYQHVQEWELSRTHPVLVLYFYEDMKENPKREIQKILEF
VGRSLPEETVDLMVEHTSFKEMKKNPMTNYTTVRRREFMDHSISPFMRKGMAGDWKTTFTVAQNERFDADY
AEKMAGCSLSFRSEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 34.1 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_803564](#)

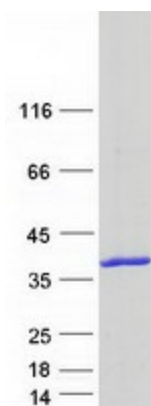
Locus ID: 6799



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UniProt ID:	P50226
RefSeq Size:	1348
Cytogenetics:	16p11.2
RefSeq ORF:	885
Synonyms:	HAST4; P-PST; P-PST 2; ST1A2; STP2; TSPST2
Summary:	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. Two alternatively spliced variants that encode the same protein have been described. [provided by RefSeq, Jul 2008]
Protein Pathways:	Sulfur metabolism

Product images:



Coomassie blue staining of purified SULT1A2 protein (Cat# TP314872). The protein was produced from HEK293T cells transfected with SULT1A2 cDNA clone (Cat# [RC214872]) using MegaTran 2.0 (Cat# [TT210002]).