

## Product datasheet for PH314872

### SULT1A2 (NM\_177528) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SULT1A2 MS Standard C13 and N15-labeled recombinant protein (NP_803564)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214872
Predicted MW:	34.3 kDa
Protein Sequence:	>RC214872 protein sequence Red=Cloning site Green=Tags(s)  MELIQDISRPPLEYVKGVPLIKYFAEALGPLQSFQARPDDL ISTYPKSGTTWVSQILDMIYQGGDLEKC HRAPIFMRVPFLEFKVPGIPSGMETLKNTAPRLLKTHLPLALLPQTLLDQKVKVYVARNAKDVAVSYY HFYHMAKVYPHPGTWESFLEKFMAGEVSYGSWYQHVQEWELSRTHPVL YLFYEDMKENPKREIQILEF VGRSLPEETVDLMVEHTSFKEMKKNPMTNYTTVRREFMDHSISPFMRKGMAGDWKTTFTVAQNERFDADY AEKMAGCSLSFRSEL  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_803564</a>
RefSeq Size:	1348
RefSeq ORF:	885
Synonyms:	HAST4; P-PST; P-PST 2; ST1A2; STP2; TSPST2
Locus ID:	6799



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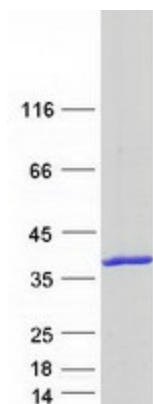
UniProt ID: [P50226](#)

Cytogenetics: 16p11.2

**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]).