

Product datasheet for PH303053

SULT1B1 (NM_014465) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SULT1B1 MS Standard C13 and N15-labeled recombinant protein (NP_055280)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203053
Predicted MW:	34.9 kDa
Protein Sequence:	>RC203053 protein sequence Red=Cloning site Green=Tags(s) MLSPKDILRKDLKLVHGYPMTCASFASNWEKIEQFHSRPDDIVIATYPKSGTTWVSEIIDMILNDGDIEKC KRGFITEKVPMLEMTLPGLRTSGIEQLEKNPSPRIVKTHLPTDLLPKSFWENNCKMIYLARNAKDVSYSY YHFDLMNNLQPFPGTWEEYLEKFLTGVAYGSWFTHVKNWKRKEEHPILFLYYEDMKENPKEEIKKIIR FLEKNLNDEILDRIIHHTSFEVMKDNPLVNYTHLPTTVMHDSKSPFMRKGTAGDWKNYFTVAQNEKFDAI YETEMSKTALQFRTEI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_055280
RefSeq Size:	1320
RefSeq ORF:	888
Synonyms:	ST1B1; ST1B2; SULT1B2
Locus ID:	27284



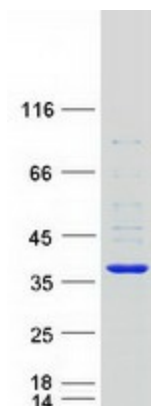
[View online »](#)

UniProt ID: [O43704](#)

Cytogenetics: 4q13.3

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. However, the total genomic length of this gene is greater than that of other SULT1 genes. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified SULT1B1 protein (Cat# [TP303053]). The protein was produced from HEK293T cells transfected with SULT1B1 cDNA clone (Cat# [RC203053]) using MegaTran 2.0 (Cat# [TT210002]).