

Recombinant Human SULT1B1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SULT1B1-1783H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SULT1B1 MS Standard C13 and N15-labeled recombinant protein (NP_055280) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. However, the total genomic length of this gene is greater than that of other SULT1 genes.
Molecular Mass	34.9 kDa
AA Sequence	MLSPKDILRKDLKLVHGYPMTCASFASNWEKIEQFHSRPDDIVATYPKSGTTWVSEII DMILNDGDIEKCKRGFITEKVPMLEMTLPGLRTSGIEQLEKNPSPRIVKTHLPTDLLPK SFWENNCKMIYLARNAKDVSVSYHFDLMNNLQPFPGTWEEYLEKFLTGVAYGS WFTHVKNWWKRKEEHPILFLYYEDMKENPKKEIKIIRFLEKNLNDEILDRIIHHTSFE VMKDNPLVNYTHLPTTVMDHSKSPFMRKGTAGDWKNYFTVAQNEKFDIYETEMS KTALQFRTEITRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SULT1B1 sulfotransferase family 1B member 1 [Homo sapiens (human)]
Official Symbol	SULT1B1
Synonyms	SULT1B1; sulfotransferase family, cytosolic, 1B, member 1; sulfotransferase family cytosolic 1B member 1; ST1B2; sulfotransferase 1B1; sulfotransferase 1B2; thyroid hormone sulfotransferase; ST1B1; SULT1B2; MGC13356;
Gene ID	27284
mRNA Refseq	NM_014465
Protein Refseq	NP_055280
MIM	608436
UniProt ID	O43704

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