

Recombinant Human SULT2A1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SULT2A1-3472H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SULT2A1 MS Standard C13 and N15-labeled recombinant protein (NP_003158) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the sulfotransferase family. Sulfotransferases aid in the metabolism of drugs and endogenous compounds by converting these substances into more hydrophilic water-soluble sulfate conjugates that can be easily excreted. This protein catalyzes the sulfation of steroids and bile acids in the liver and adrenal glands, and may have a role in the inherited adrenal androgen excess in women with polycystic ovary syndrome.
Molecular Mass	33.8 kDa
AA Sequence	MSDDFLWFEGIAFPTMGFRSETLRKVRDEFVIRDEDVIILTYPKSGTNWLAEILCLMH SKGDAKWIQSVPIWERSPWVESEIGYTALSETESPRLFSSHLPIQLFPKSFSSKAKV IYLMRNPRDVLVSGYFFWKNMKFIKKPKSWEEYFEWFCQGTVLYGSWFDHIHGWM PMREEKNFLLLSYEELKQDTGRTIEKICQFLGKTLEPEELNLILKNSSFQSMKENKMS NYSLLSVDYVVDKAQLLRKGVS GDWKNHFTVAQAEDFDKLFQEKMADLPRELFPW ETRTRPLEQKLISEEDLAANDILDYKDDDDKV
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	SULT2A1 sulfotransferase family 2A member 1 [Homo sapiens (human)]
Official Symbol	SULT2A1
Synonyms	SULT2A1; sulfotransferase family, cytosolic, 2A, dehydroepiandrosterone (DHEA)-preferring, member 1; STD; bile salt sulfotransferase; DHEA ST; bile-salt sulfotranasferase 2A1; alcohol/hydroxysteroid sulfotransferase; HST; ST2; hSTa; DHEAS; ST2A1; ST2A3; DHEA-ST;
Gene ID	6822
mRNA Refseq	NM_003167
Protein Refseq	NP_003158
MIM	125263
UniProt ID	Q06520

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SDS-PAGE

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