

Recombinant Human SULT1C4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SULT1C4-6273H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SULT1C4 MS Standard C13 and N15-labeled recombinant protein (NP_006579) 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. This gene encodes a protein that belongs to the SULT1 subfamily, responsible for transferring a sulfo moiety from PAPS to phenol-containing compounds.
Molecular Mass	35.3 kDa
AA Sequence	MALHDMEDFTFDGTRLSVNYVKILQPTDTCDIWDKIWNFQAKPDDLLISTYPKAG TTWTQEIVELIQNEGDVEKSKRAPHQRFPFLEMKIPSLGSGLEQAHAMPSRILKTH LPFHLLPPSLLEKNCKIIYVARNPKDNMVSYYHFQRMNKALPAPGTWEEYFETFLAG KVCWGSWHEHVKGWWEAKDKHRILYLFYEDMKKNPKHEIQKLAFIGKKLDDKVLD KIVHYTSFDVMKQNPMANYSSIPAEIMDHSISPFMRKGAVGDWKKHFTVAQNERFD EDYKKKMTDTRLTFHFQFTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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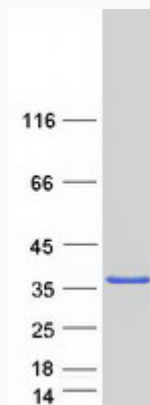
 45-1 Ramsey Road, Shirley, NY 11967, USA

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	SULT1C4 sulfotransferase family 1C member 4 [Homo sapiens (human)]
Official Symbol	SULT1C4
Synonyms	SULT1C4; sulfotransferase family, cytosolic, 1C, member 4; sulfotransferase family, cytosolic, 1C, member 2, SULT1C2; sulfotransferase 1C4; SULT1C; ST1C4; SULT1C#2; sulfotransferase 1C2; sulfotransferase family, cytosolic, 1C, member 2; sulfotransferase family, cytosolic, 1C, member C2; SULT1C2; MGC34422; MGC149521;
Gene ID	27233
mRNA Refseq	NM_006588
Protein Refseq	NP_006579
MIM	608357
UniProt ID	O75897

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SDS-PAGE

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