

Recombinant Mouse Sult1b1 Protein, Myc/DDK-tagged

Cat. No. Sult1b1-6221M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length sulfotransferase family 1B, member 1 (Sult1b1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs and xenobiotic compounds. Sulfonation increases the water solubility of most compounds, and therefore their renal excretion, but it can also result in bioactivation to form active metabolites. Sulfates L-DOPA and D-DOPA, tyrosine isomers such as DL-m-tyrosine, dopamine and thyroid hormones.
Molecular Mass	34.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Sult1b1 sulfotransferase family 1B, member 1 [*Mus musculus* (house mouse)]

Official Symbol Sult1b1

Synonyms SULT1B1; sulfotransferase family 1B, member 1; sulfotransferase family cytosolic 1B member 1; sulfotransferase 1B1; dopa/tyrosine sulfotransferase; ST1B1

Gene ID 56362

mRNA Refseq NM_019878

Protein Refseq NP_063931

UniProt ID Q9QWG7

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