Recombinant Human SULT1A3 protein, His-SUMO-tagged

Cat. No. SULT1A3-3544H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SULT1A3 protein(P0DMM9)(1-295aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-295aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	50.2 kDa
AA Sequence	MELIQDTSRPPLEYVKGVPLIKYFAEALGPLQSFQARPDDLLINTYPKSGTTWVSQIL DMIYQGGDLEKCNRAPIYVRVPFLEVNDPGEPSGLETLKDTPPPRLIKSHLPLALLPQ TLLDQKVKVVYVARNPKDVAVSYYHFHRMEKAHPEPGTWDSFLEKFMAGEVSYGS WYQHVQEWWELSRTHPVLYLFYEDMKENPKREIQKILEFVGRSLPEETMDFMVQH TSFKEMKKNPMTNYTTVPQELMDHSISPFMRKGMAGDWKTTFTVAQNERFDADYA EKMAGCSLSFRSEL
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	SULT1A3 sulfotransferase family, cytosolic, 1A, phenol-preferring, member 3 [Homo sapiens]
Official Symbol	SULT1A3
Synonyms	SULT1A3; sulfotransferase family, cytosolic, 1A, phenol-preferring, member 3; STM; sulfotransferase 1A3/1A4; TL PST; sulfokinase; phenol sulfotransferase 1A5; aryl sulfotransferase 1A3/1A4; dopamine-specific sulfotransferase; placental estrogen sulfotransferase; monoamine-sulfating phenosulfotransferase; catecholamine-sulfating phenol sulfotransferase; thermolabile (monoamine, M form) phenol sulfotransferase; HAST; HAST3; M-PST; ST1A5; TL-PST; ST1A3/ST1A4; MGC117469;
Gene ID	6818
mRNA Refseq	NM_177552
Protein Refseq	NP_808220
MIM	600641
UniProt ID	P50224

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