Recombinant Human SULT1A1 protein(Glu2-Leu295), His-tagged

Cat. No. SULT1A1-3921H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SULT1A1 (P50225-1) (Glu 2-Leu 295) was expressed in E. coli, fused with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	Glu2-Leu295
Form	Lyophilized from sterile 50mM Tris, 150mM NaCl, 10% glycerol, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human SULT1A1 consisting of 301 amino acids and has a calculated molecular mass of 35 kDa. It migRates as an approximately 32 kDa band in SDS-PAGE under reducing conditions.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	SULT1A1 sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1 [Homo sapiens]
Official Symbol	SULT1A1
Synonyms	SULT1A1; sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1; STP, STP1; sulfotransferase 1A1; P PST; ts-PST; P-PST 1; aryl sulfotransferase 1; thermostable phenol sulfotransferase1; phenol-sulfating phenol sulfotransferase 1; PST; STP; STP1; P-PST; ST1A1; ST1A3; TSPST1; HAST1/HAST2; MGC5163; MGC131921;
Gene ID	6817
mRNA Refseq	NM_001055
Protein Refseq	NP_001046
MIM	171150
UniProt ID	P50225

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