

Recombinant Human SULT1A1 protein, His-tagged

Cat. No. SULT1A1-2830H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SULT1A1 protein(1-295 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-295 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MELIQDTSRPPLEYVKGVPLIKYFAEALGPLQSFQARPDLLISTYPKSGTTWVSQIL DMIIYQGGDLEKCHRAPIFMRVPFLEFKAPGIPSGMETLKDTPAPRLLKTHLPLALLPQ TLLDQKVKVVYVARNADVAVSYYHFYHMAKVHPEPGTWDSFLEKFMVGEVSYGS WYQHVQEWELSRTHPVLVLYFYEDMKENPKREIQKILEFVGHSLPEETVDFVQHT SFKEMKKNPMTNYTTVPQEFMDHSISPFRKGMAGDWKTTFTVAQNERFDADYAE KMAGCSLSFRSEL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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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