

Recombinant Human SULT1A3 protein, His-tagged

Cat. No. SULT1A3-7316H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SULT1A3 protein(P50224-1) (Glu2-Leu295) was expressed in E.coli with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	2-295 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4.
Bio-activity	Measured by its ability to transfer sulfate from PAPS to 1-Napthol. The specific activity is > 150 pmoles/min/μg.
Molecular Mass	The recombinant human SULT1A3 consists of 301 amino acids and predicts a molecular mass of 30.5 KDa. It migrates as an approximately 34 KDa band in SDS-PAGE under reducing conditions.
Purity	> 94 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 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

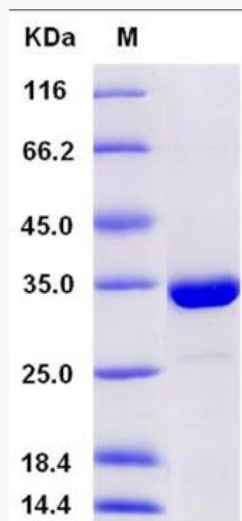
UniProt ID P50224

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SDS-PAGE



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