

Active Recombinant Human SULT1B1 protein, His-tagged

Cat. No. SULT1B1-972H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human SULT1B1 protein(NP_055280.2) (Leu 2-Ile 296) was expressed in E.coli, with a N-terminal polyhistidine tag.
Species	Human
Source	E.coli
ProteinLength	2-296 aa
Form	Lyophilized from sterile 20mM Tris, 0.1 M NaCl, 10% glycerol, 1mM DTT, pH 8.0.
Bio-activity	Measured by its ability to transfer sulfate from PAPS to 1-Napthol. The specific activity is > 40 pmoles/min/μg.
Molecular Mass	The recombinant human SULT1B1 comprises 302 amino acids and has a calculated molecular mass of 35.7 kDa. It migrates as an approximately 34 kDa band in SDS-PAGE under reducing conditions.
Purity	> 95 % 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

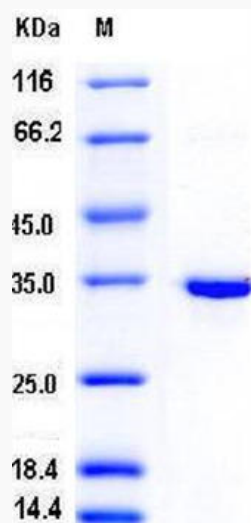
Gene Name	SULT1B1 sulfotransferase family, cytosolic, 1B, member 1 [Homo sapiens]
Official Symbol	SULT1B1
Synonyms	SULT1B1; sulfotransferase family, cytosolic, 1B, member 1; sulfotransferase family cytosolic 1B member 1; ST1B2; sulfotransferase 1B1; sulfotransferase 1B2; thyroid hormone sulfotransferase; ST1B1; SULT1B2; MGC13356;
Gene ID	27284
mRNA Refseq	NM_014465
Protein Refseq	NP_055280
MIM	608436
UniProt ID	O43704

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SDS-PAGE



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