

Active Recombinant Human SULT2B1 Protein, His-tagged

Cat. No. SULT2B1-885H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SULT2B1 (Accession # O00204) Met1-Glu311, fused with a C-terminal 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Glu311
Predicted N Terminal	Met1
Form	Supplied as a 0.2 µm filtered solution in Tris, NaCl, Glycerol, Brij and DTT.
Bio-activity	Measured by its ability to transfer sulfate from PAPS to pregnenolone. The specific activity is >10 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Human SULT2B1, His-tagged has a calculated MW of 36 kDa. In SDS-PAGE migrates as 34-37 kDa, reducing conditions.
Purity	>80%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	SULT2B1 sulfotransferase family, cytosolic, 2B, member 1 [Homo sapiens]
Official Symbol	SULT2B1
Synonyms	SULT2B1; sulfotransferase family, cytosolic, 2B, member 1; sulfotransferase family cytosolic 2B member 1; HSST2; ST2B1; sulfotransferase 2B1; alcohol sulfotransferase; hydroxysteroid sulfotransferase 2;
Gene ID	6820
mRNA Refseq	NM_004605
Protein Refseq	NP_004596
MIM	604125
UniProt ID	O00204
Chromosome Location	19q13.3

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