

## Recombinant Human SULT1A1 Protein

Catalog #	Source	Reactivity	Applications
CRP2350	E. coli	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human SULT1A1 Protein is produced by our E. coli expression system and the target gene encoding Met1-Leu295 is expressed with a 6His tag at the N-terminus.		
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 2mM DTT, pH8.0.		
<b>Gene Symbol</b>	SULT1A1		
<b>Alternative Names</b>	STP; STP1; Sulfotransferase 1A1; ST1A1; Aryl sulfotransferase 1; HAST1/HAST2; Phenol sulfotransferase 1; Phenol-sulfating phenol sulfotransferase 1; P-PST 1; ST1A3; Thermostable phenol sulfotransferase; Ts-PST		
<b>Entrez Gene</b>	6817 (Human)		
<b>SwissProt</b>	P50225 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>MNHKVVHHHHH HMELIQDTSR PPLEYVKGVP LIKYFAEALG PLQSFQARPD DLLISTYPKS            GTTWVVSQILD MIYQGGDLEK CHRAPIFMRV PFLEFKAPGI PSGMETLKDT PAPRLKTHL            PLALLPQTLL DQKVKVVVYA RNAKDVAVSY YHFYHMAKVH PEPGTWDSFL EKFMVGEVSY            GSWYQHVQEW WELSRTHPVL YLFYEDMKEN PKREIQKILE FVGHSLPEET VDFVVQHTSF            KEMKKNPMTN YTTVPQEFMD HSISPFMRKG MAGDWKTTFT VAQNERFDAD            YAEKMAGCSL SFRSEL</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

**Storage/Stability** Store it at -20°C to -80°C for one year.

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