

Product Data Sheet

Recombinant Human SULT1B1 Protein

Catalog #	Source	Reactivity	Applications
CRP2353	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human SULT1B1 Protein is produced by E. coli expression system and the target gene encoding Met1-Ile296 is expressed with a 6His tag at the N-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris HCl, 100mM NaCl, pH8.0.		
Gene Symbol	SULT1B1		
Alternative Names	ST1B2; SULT1B2; Sulfotransferase family cytosolic 1B member 1; ST1B1; Sulfotransferase 1B1; Sulfotransferase 1B2; ST1B2; Thyroid hormone sulfotransferase		
Entrez Gene	27284 (Human)		
SwissProt	O43704 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MNHKVVHHHH HMLSPKDILR KDLKLVHGYP MTCAFASNWE KIEQFHSRPD DIVIATYPKS GTTWVSEIID MILNDGDIEK CKRGFITEKV PMLEMTLPGL RTSGIEQLEK NPSPRIVKTH LPTDLLPKSF WENNCKMIYL ARNAKDVSVS YYHFDLMNNL QPFPGTWEEY LEKFLTGKVA YGSWFTHVKN WWKRKEEHPI LFLYYEDMKE NPKEEIKKII RFLEKNLNDE ILDRIIHHTS FEVMKDNPLV NYTHLPPTVM DHSKSPFMRK GTAGDWKNYF TVAQNEKFDA IYETEMSKTA LQFRTEI		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize 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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Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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