

Product Data Sheet

Recombinant Human SULT2A1 Protein

Catalog #	Source	Reactivity	Applications
CRP2356	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human SULT2A1 Protein is produced by E. coli expression system and the target gene encoding Ser2-Glu285 is expressed with a 6His tag at the N-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris, 100mM NaCl, pH 8.0.		
Gene Symbol	SULT2A1		
Alternative Names	HST; STD; Bile salt sulfotransferase; Dehydroepiandrosterone sulfotransferase; DHEA-ST; Hydroxysteroid Sulfotransferase; HST; ST2; ST2A3; Sulfotransferase 2A1; ST2A1		
Entrez Gene	6822 (Human)		
SwissProt	Q06520 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MNHKVVHHHHH HMSDDLFWFE GIAFPTMGFR SETLRKVRDE FVIRDEDVII LTPKSGTNW LAEILCLMHS KGDAKWIQSV PIWERSPWVE SEIGYTALSE TESPRLFSSH LPIQLFPKSF FSSKAKVIYL MRNPRDVLVS GYFFWKNMKF IKKPKSWEEY FEWFCQGTVL YGSWFDHIHG WMPMREEKNF LLLSYEELKQ DTGRTIEKIC QFLGKTLEPE ELNLILKNSS FQSMKENKMS NYSLLSVDYV VDKAQLLRKG VSGDWKNHFT VAQAEDFDKL FQEKMADLPR ELFPWE		
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.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be		
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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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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