

Product Data Sheet

Recombinant Human SULT1A3/SULT1A4 Protein

Catalog #	Source	Reactivity	Applications
CRP2352	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human SULT1A3/SULT1A4 Protein is produced by E.coli expression system and the target gene encoding Met1-Leu295 is expressed with a 6His tag at the N-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris, 0.1M NaCl, pH 8.0		
Gene Symbol	SULT1A3; SULT1A4		
Alternative Names	STM; Sulfotransferase 1A3/1A4; ST1A3/ST1A4; Aryl sulfotransferase 1A3/1A4; Catecholamine-sulfating phenol sulfotransferase; HAST3; M-PST; Monoamine-sulfating phenol sulfotransferase; Placental estrogen sulfotransferase; Sulfotransferase monoamine-preferri		
Entrez Gene	101929857; 445329; 6818 (Human)		
SwissProt	P50224 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	MNHKVHHHHH HMELIQDTSR PPLEYVKGVP LIKYFAEALG PLQSFQARPD DLLINTYPKS GTTWVSQILD MIYQGGDLEK CNRAPIYVRV PFLEVNDPGE PSGLETLKDT PPPRLIKSHL PLALLPQTLL DQKVKVVVYA RNPKDVAVS YHFHRMEKAH PEPGTWDSFL EKFMAGEVSY GSWYQHVQEW WELSRTHPVL YLFYEDMKEN PKREIQKILE FVGRSLPEET MDFMVQHTSF KEMKKNPMTN YTTVPQELMD HSISPFMRKG MAGDWKTTFT VAQNERFDAD YAEKMAGCSL SFRSEL		
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		

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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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 aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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