

Recombinant Human SULT1A3/SULT1A4 Protein

Catalog #	Source	Reactivity	Applications
CRP2352	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human SULT1A3/SULT1A4 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.		
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	<p>MNHKVVHHHH HMELIQDTSR PPLEYVKGVP LIKYFAEALG PLQSFQARPD DLLINTYPKS</p> <p>GTTWVSQILD MIYQGGDLEK CNRAPYVVRV PFLEVNDPGE PSGLETLKDT PPPRLIKSHL</p> <p>PLALLPQTLL DQKVKVYVA RNPKDVAVSY YHFHRMEKAH PEPGTWDSFL EKFMAGEVSY</p> <p>GSWYQHVQEW WELSRTHPVL YLFYEDMKEN PKREIQKILE FVGRSLPEET MDFMVQHTSF</p> <p>KEMKKNPMTN YTTVPQELMD HSISPFMRKG MAGDWKTTFT VAQNERFDAD</p> <p>YAEKMAGCSL SFRSEL</p>		
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. 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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