

Product Data Sheet

Recombinant Human SULT4A1 Protein

Catalog #	Source	Reactivity	Applications
CRP2358	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human SULT4A1 Protein is produced by E. coli expression system and the target gene encoding Met1-Leu284 is expressed.		
Form	Liquid in a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	SULT4A1		
Alternative Names	SULTX3; Sulfotransferase 4A1; ST4A1; Brain sulfotransferase-like protein; hBR-STL; hBR-STL-1; Nervous system sulfotransferase; NST		
Entrez Gene	25830 (Human)		
SwissProt	Q9BR01 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MAESEAETPS TPGEFESKYF EFHGVRLPPF CRGKMEEIAN FPVRPSDVWI VTYPKSGTSL LQEVVYLVSQ GADPDEIGLM NIDEQLPVLE YPQPGLDIK ELTSPRLIKS HLPYRFLPSD LHNGDSKVIY MARNPKDLVV SYQFHRSLR TMSYRGTFQE FCRRFMNDKL GYGSWFEHVQ EFWEHRMDSN VLFLKYEDMH RDLVTMVEQL ARFLGVSCDK AQLEALTEHC HQLVDQCCSA EALPVGRGRV GLWKDIFTVS MNEKFDLVYK QKMGKCDLTF DFYL		
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 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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