

Recombinant Human ST8SIA1 Protein

Catalog #	Source	Reactivity	Applications
CRP2341	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human ST8SIA1 Protein is produced by our Mammalian expression system and the target gene encoding Tyr49-Ser356 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.		
Gene Symbol	ST8SIA1		
Alternative Names	SIAT8; SIAT8A; Alpha-N-acetylneuraminide alpha-28-sialyltransferase; Alpha-28-sialyltransferase 8A; Ganglioside GD3 synthase; Ganglioside GT3 synthase; Sialyltransferase 8A; SIAT8-A; Sialyltransferase St8Sia I; ST8Sial		
Entrez Gene	6489 (Human)		
SwissProt	Q92185 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	YRLPNEKEIV QGVLQQTAW RRNQTAAAF RKQMEDCCDP AHLFAMTKMN SPMGKSMWYD GEFLYSFTID NSTYSLFPQA TPFQLPLKCC AVVGNGGILK KSGCGRQIDE ANFVMRCNLP PLSSEYTKDV GSKSQLVTAN PSIIRQRFQN LLWSRKTVD NMKIYNHSYI YMPAFSMKTG TEPslrvyyt LSDVGANQTV LFANPNFLRS IGKFWKSRGI HAKRLSTGLF LVSAALGLCE EVAIYGFWPF SVNMEHPIS HHYYDNVLPF SGFHAMPEEF LQLWYLHKIG ALRMQLDPCE DTSLQPTSVD HHHHHH		
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.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

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

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