

Recombinant Mouse ST6GALNAC2 Protein

Catalog #	Source	Reactivity	Applications
CRP3053	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse ST6GALNAC2 Protein is produced by mammalian expression system and the target gene encoding Ser28-Arg373 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µm filtered solution of 50mMTris, 150mMNaCl, pH7.5.		
Gene Symbol	ST6GALNAC2		
Alternative Names	SIAT7B; SIATL1; STHM; Alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 2; GalNAc alpha-2,6-sialyltransferase II; ST6GalNAc II; ST6GalNAcII; SThM; Sialyltransferase 7B; SIAT7-B		
Entrez Gene	20446 (Mouse)		
SwissProt	P70277 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	SAGQQSPETQ VPARNMAYPR AFFDPKPPNS ENRKSRLCQH SLSLAIQKDR RFRSLFDLST PVLLWEGLFT QELWNNLSQH KVPYGWQGLS HEVIASLRL LKSPESGELF GAPRKLPLSC IRCVVGNNGG ILNGSRQGQK IDAHDYVFRL NGAITEAFER DVGTKTSFYG FTVNTMKNSL ISYAKLGFTS VPQGQNLRYI FIPSSIRDYL MLRSAILGVP VPEGPDKGDR PHTYFGPETS ASKFLLHPD FISYLTERFL KSKLINTRFG DMYPSTGAL MLLTALHTCD QVSAYGFITN NYQKYS DHYF EREKKPLIFY ANHDLSLEAS LWRDLHNAGI LWLYQRVDHH HHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Please 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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