

Product Data Sheet

Recombinant Human SIAE Protein

Catalog #	Source	Reactivity	Applications
CRP2304	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human SIAE Protein is produced by mammalian expression system and the target gene encoding Ile24-Lys523 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, 10% Glycerol, pH 7.5.		
Gene Symbol	SIAE		
Alternative Names	YSG2; Sialate O-acetyltransferase; H-Lse; Sialic acid-specific 9-O-acetyltransferase		
Entrez Gene	54414 (Human)		
SwissProt	Q9HAT2 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	IGFRFASYIN NDMVLQKEPA GAVIWGFGTP GATVTVTLRQ GQETIMKKVT SVKAHSDTWM VVLDPMKPGG PFEVMAQQTL EKINFTLRVH DVLFGDVWLC SGQSNMQMTV LQIFNATREL SNTAAYQSVR ILSVSPIQAE QELEDLVAVD LQWSKPTSEN LGHGYFKYMS AVCWLFGRHL YDTLQYPIGL IASSWGGTPI EAWSSGRSLK ACGVPKQGSY PYDSVTGPSK HSV LWNAMIH PLCNMTLKGV VWYQGESNIN YNTDLYNCTF PALIEDWRET FHRGSQGQTE RFFPFGLVQL SSDLSKKSSD DGFPQIRWHQ TADFGYVPNP KMPNTFMABA MDLCDRDSPF GSIHPRDKQT VAYRLHLGAR ALAYGEKNLT FEGPLPEKIE LLAHKGLNL TYYQQIQVQK KDNKIFEISC CSDHRCKWLP ASMNTVSTQS LTLAIDSCHG TVVALRYAWT TWPCEYKQCP LYHPSSALPA PPFIAFITDQ GPGHQSNVAK VDHHHHHH		
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		
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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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.

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