

Product Data Sheet

Recombinant Human SYT1 Protein

Catalog #	Source	Reactivity	Applications
CST1059	E. coli	H	
Description	Recombinant Human SYT1 Protein is produced by E. coli expression system and the target gene encoding Lys91-Val420 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	SYT1		
Alternative Names	SVP65; SYT; Synaptotagmin-1; Synaptotagmin I; Sytl; p65		
Entrez Gene	6857		
SwissProt	P21579		
Purity			
Chemical Structure	KKGKEKGGKN AINMKDVKDL GKTMKDQALK DDDAETGLTD GEEKEEPKEE EKLGLQYSL DYDFQNNQLL VGIIQAAELP ALDMGGTSDP YVKVFLLPDK KKKFETKVHR KTLNPVFNEQ FTFKVPYSEL GGKTLVMAVY DFDRFSKHD IGEFKVPMNT VDFGHVTEEW RDLQSAEKEE QEKLGDICFS LRYVPTAGKL TVVILEAKNL KKMDVGGLSD PYVKIHLMQN GK		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. 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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