

Product Data Sheet

Recombinant Human SAG Protein

Catalog #	Source	Reactivity	Applications
CST1589	E. coli	H	
Description	Recombinant Human SAG Protein is produced by E. coli expression system and the target gene encoding Met1-Glu405 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	SAG		
Alternative Names	S-arrestin; 48 kDa protein; Retinal S-antigen; S-AG; Rod photoreceptor arrestin		
Entrez Gene	6295		
SwissProt	P10523		
Purity			
Chemical Structure	MAASGKTSKS EPNHVIFKKI SRDKSVTIYL GNRDYIDHVS QVQPV DGVVL VDPDLVKGKK VYVTLTCAFR YGQEDIDVIG LTFRRDLYFS RVQVYPPVGA ASTPTKLQES LLKKLGSNTY PFLLTFPDYL PCSVMLQPAP QDSGKSCGVD FEVKAFATDS TDAEEDKIPK KSSVRLIRK VQHAPLEMGP QPRAEAAWQF FMSDKPLHLA VSLNKEIYFH GEPIPVTVTV TN		
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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