

Recombinant Human SAG protein, His-tagged

Cat. No. SAG-3766H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SAG protein(332-405 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	332-405 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	QIKVKLTVSGFLGELTSSEVATEVPFRLMHPQPEDPAKESYQDANLVFEEFARHNLK DAGEAEEGKRDKNDVDE
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

storage.

GENE INFORMATION

Gene Name	SAG S-antigen; retina and pineal gland (arrestin) [Homo sapiens]
Official Symbol	SAG
Synonyms	SAG; S-antigen; retina and pineal gland (arrestin); S-arrestin; ARRESTIN; arrestin 1; 48 kDa protein; rod photoreceptor arrestin; retinal S-antigen (48 KDa protein); RP47; S-AG; DKFZp686D1084; DKFZp686I1383;
Gene ID	6295
mRNA Refseq	NM_000541
Protein Refseq	NP_000532
MIM	181031
UniProt ID	P10523

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