

Recombinant Human SAG protein, GST-tagged

Cat. No. SAG-301320H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SAG (332-405 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln332-Glu405
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	QIKVKLTVSGFLGELTSSEVATEVPFRLMHPQPEDPAKESYQDANLVFEEFARHNLK DAGEAEEGKRDKNDVDE
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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.

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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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