

Recombinant Mouse Sag protein, His-tagged

Cat. No. Sag-3469M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sag protein(P20443)(1-403aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-403aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	50.4 kDa
AA Sequence	MAACGKTNKSHVIFKKVSRDKSVTIYLGKRDYVDHVSQVEPVDGVVLVDPELVK GK KVYYVTLTCAFRY GQEDIDVMGLTFRRDL YFSRVQVYPPVGAMSVLTQLQESLLKKLG DNTYPFLTTFPDYLP C SVM LQ P A Q D V G K S C G V D F E V K A F A S D I T D P E E D K I P K K S S V R L L I R K V Q H A P P E M G P Q P S A E A S W Q F F M S D K P L N L S V S L S K E I Y F H G E P I P V T V T V T N N T D K V V K K I K V S V E Q I A N V V L Y S S D Y Y V K P V A S E E T Q E K V Q P N S T L T K T L V L V P L L A N N R E R R G I A L D G K I K H E D T N L A S S T I I K E G I D R T V M G I L V S Y H I K V K L T V S G F L G E L T S S E V A T E V P F R L M H P Q P E D P A K E S V Q D E N L V F E E F A R Q N L K D T G E N T E G K K D E D A G Q D E

 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

Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	Sag retinal S-antigen [Mus musculus]
Official Symbol	Sag
Synonyms	SAG; retinal S-antigen; S-arrestin; S-AG; arrestin 1; rod arrestin; 48 kDa protein; visual arrestin 1; rod photoreceptor arrestin; Arr1; Irbp; arrestin; A930001K18Rik;
Gene ID	20215
mRNA Refseq	NM_009118
Protein Refseq	NP_033144

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