

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 KVYYVTLTCAFRYGQEDIDVMGLTFRRDL YFSRVQVYPPVGAMSVLTQLQESLLKKLG DNTYPFLTTFPDYLPSCVMLQPAPQDVGKSCGVDFEVKAFASDITDPEEDKIPKKSS VRL LIRKVQHAPPEMGPQPSAEASWQFFMSDKPLNLSVLSKEIYFHGEPIPVTVTV TNNTDKVVKKIKVSVEQIANVVLYSSDYVVKPVASEETQEKVQPNSTLT KTLVLVPLL ANNRERRGIALDGKIKHEDTNLASSTIIKEGIDRTVMGILVSYHIKVKLTVSGFLGELTS SEVATEVPFRLMHPQPEDPAKESVQDENLVFE EFARQNLKDTGENTEGKKDEDAG QDE

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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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