Recombinant Mouse Sag protein, His & T7-tagged

Cat. No. Sag-1962M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sag aa. (Cys4~Val249 (Accession # P20443)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Cys4~Val249
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 8.5.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

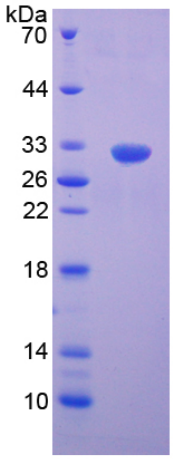
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Sag S-antigen, retina and pineal gland (arrestin) [Mus musculus (house mouse)]
Official Symbol	Sag
Synonyms	1500019G21Rik; SPA) binding protein, cytoplasmic cochaperone 1; heat shock protein-binding protein 1; hsp70-interacting protein 1; hsp70-binding protein 1
Gene ID	20215
mRNA Refseq	NM_009118.2
Protein Refseq	NP_033144.1
UniProt ID	P20443

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15% SDS-PAGE

SDS-PAGE

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