

Recombinant Mouse Sag Protein, Myc/DDK-tagged

Cat. No. Sag-5679M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length S-antigen, retina and pineal gland (arrestin) (Sag), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Arrestin is one of the major proteins of the ros (retinal rod outer segments); it binds to photoactivated-phosphorylated rhodopsin, thereby apparently preventing the transducin-mediated activation of phosphodiesterase.
Molecular Mass	44.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Sag S-antigen, retina and pineal gland (arrestin) [Mus musculus (house mouse)]
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
UniProt ID	P20443

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