

S-arrestin (Sag) Recombinant Protein | Sag recombinant protein

Recombinant Mouse S-arrestin (Sag)

CATALOG #
AAA113443

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

S-arrestin (Sag); Recombinant Mouse S-arrestin (Sag); Sag recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-403, Full length protein
Sequence	MAACGKTNKS HVIFKKVSRD KSVTIYLGKR DYVDHVSQVE PVDGVVLVDP ELVKGKKVYV TLTCAFRYGQ EDIDVMGLTF RRDLYFSRVQ VYPPVGAMSV LTQLQESLLK KLGDNTPFL LTFPDYLPSC VMLQPAPQDV GKSCGVDFEV KAFASDITDP EEDKIPKKSS VRLIRKQVQH APPEMGPQPS AEASWQFFMS DKPLNLSVSL SKEIYFHGEP IPVTVTVTNN TDKVVKKIKV SVEQIANVVL YSSDYVVKPV ASEETQEKVQ PNSTLTCTLV LVPLLANNRE RRGIALDGKI KHEDTNLASS TIIKEGIDRT VMGILVSYHI KVKLTVSGFL GELTSSEVAT EVPFRLMHPQ PEDPAKESVQ DENLVFEEFA RQNLKDTGEN TEGKKDEDAG QDE
Sequence Length	403
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Sag recombinant protein	Members of arrestin beta-arrestin protein family are thought to participate in agonist-mediated desensitization of G-protein-coupled receptors and cause specific dampening of cellular responses to stimuli such as hormones, neurotransmitters, or sensory signals. S-arrestin, also known as S-antigen, is a major soluble photoreceptor protein that is involved in desensitization of the photoactivated transduction cascade. It is expressed in the retina and the pineal gland and inhibits coupling of rhodopsin to transducin in vitro. Additionally, S-arrestin is highly antigenic, and is capable of inducing experimental autoimmune uveoretinitis. Mutations in this gene have been associated with Oguchi disease, a rare autosomal recessive form of night blindness.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	6677845
NCBI GeneID	20215
NCBI Accession #	NP_033144.1
NCBI GenBank Nucleotide #	NM_009118.2
UniProt Accession #	P20443 ; Q91W62
Molecular Weight	44,930 Da

NCBI Official Full Name	S-arrestin
NCBI Official Synonym Full Names	S-antigen, retina and pineal gland (arrestin)
NCBI Official Symbol	Sag
NCBI Official Synonym Symbols	Arr1; Irbp; arrestin; A930001K18Rik
NCBI Protein Information	S-arrestin
UniProt Protein Name	S-arrestin
UniProt Gene Name	Sag
UniProt Synonym Gene Names	S-AG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/sag-recombinant-protein-e-coli/113443>