

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

Recombinant Human S-arrestin (SAG)

CATALOG # AAA113508	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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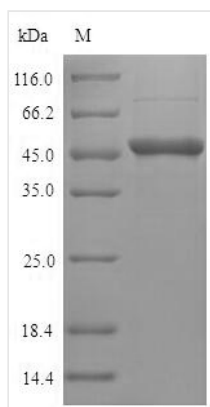
PRODUCT SYNONYMS

S-arrestin (SAG); Recombinant Human 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	1-405aa; Full Length
Sequence	MAASGKTSKS EPNHVIFKKI SRDKSVTIYL GNRDYIDHVS QVQPV DGVVL VDPDLVKGKK VYVTLTCAFR YGQEDIDVIG LTFRRDL YFS RVQVYPPVGA ASTPTKLQES LLKKLGSNTY PFLTTFPDYL PCSVMLQPAP QDSGKSCGVD FEVKAFATDS TDAEEDKIPK KSSVRL LIRK VQHAPLEMGP QPRAEAAWQF FMSDKPLHLA VSLNKEIYFH GEPIPVTVTV TNNTEKTVKK IKAFVEQVAN VVLYSSDYV KPVAMEEAAQE KVPPNSTLTK TLTLPLLAN NRERRGIALD GIKIHEDTNL ASSTIIKEGI DRTVLGILVS YQIKVKLTVS GFLGELTSSE VATEVPFRLM HPQPEDPAKE SYQDANLVFE EFARHNLKDA GEAEEGKRDK NDVDE
Production Note	Special Offer: The Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. Yeast host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
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.

IMAGES



SDS-PAGE

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.
Product Categories/Family for SAG recombinant protein	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	116008178
NCBI GeneID	6295
NCBI Accession #	NP_000532.2
NCBI GenBank Nucleotide #	NM_000541.4
UniProt Accession #	P10523; Q53SV3; Q99858; A0FDN6
Molecular Weight	47.1 kDa
NCBI Official Full Name	S-arrestin
NCBI Official Synonym Full Names	S-antigen visual arrestin
NCBI Official Symbol	SAG
NCBI Official Synonym Symbols	RP47; S-AG
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.

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Online datasheet: <https://www.aaabiotech.com/sag-recombinant-protein-e-coli/113508>