



Recombinant Human S-arrestin (SAG)

Product Code	CSB-YP020669HU
Relevance	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.
Abbreviation	Recombinant Human SAG protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P10523
Alias	48 kDa protein Retinal S-antigen Short name: S-AG Rod photoreceptor arrestin
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MAASGKTSKSEPNHVIFKKISRDKSVTIYLGNRDYIDHVSQVQPVDGVVLDVDPD LVKGKKVYVTLTCAFRYQGQEDIDVIGLTFRRDLYFSRVQVYPPVGAASTPTKLQ ESLLKKGSLNTYPFLLTFPDYLPQSVMLQPAPQDQSGKSCGVDFEVKAFATDST DAEEDKIPKSSVRLIRKVVQHPLEMGPPRAEAAWQFFMSDKPLHLAVSLN KEIYFHGEPVTVTVTNTEKTVKKIKAFVEQVANVVLYSSDYVVKPVAMEEA QEKVPPNSTLTKLTLPLANNRERRGIALDGKIKHEDTNLASSTIIEGIDRTV LGILVSYQIKVCLTVSGFLGELTSSEVATEVPFRLMHPQPEDPAKESYQDANLV FEEFARHNLKDAGEAEEGKRDKNDVDE
Research Area	Signal Transduction
Source	Yeast
Target Names	SAG
Protein Names	Recommended name: S-arrestin Alternative name(s): 48 kDa protein Retinal S-antigen Short name= S-AG Rod photoreceptor arrestin
Expression Region	1-405aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	47.1kDa
Protein Length	Full Length

Image

