

Beta-arrestin-1 (ARRB1) Recombinant Protein | ARRB1 recombinant protein

Recombinant Rabbit Beta-arrestin-1 (ARRB1)

CATALOG # AAA116522	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Beta-arrestin-1 (ARRB1); Recombinant Rabbit Beta-arrestin-1 (ARRB1); ARRB1 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	1-410aa; Full Length
Sequence	MGDKGTRVFK KASPNGKLTV YLGKRGFVDH IDLVDPVDGV VLVDPEYLKE RRVYVTLTCA FRYGREDLDV LGLTFRKDLF VANVQSFPFA PEDKKPLTRL QERLIKKLGE HAYPFTFEIP PKLPCSVTLQ PGPEDTGKAC GVDYEVKAFC AENLEEKIHK RNSVRLVIRK VQYAPERPGP HPTAETTRLF LMSDKPLHLE ASLDKEIYYH GEPIIVNVHV TNNTNKTVKK IKISVRQYAD ICLFNTAQYK CPVAMEEADD TVAPSSTFCK VYTLTPFLAN NREKRGALD GKLKHEDTNL ASSTLMREGA NREILGIIVS YKVKVKLVVS RGGDVAVELP FTLMHPPKPK EPPHREVPEN ETPVDTNLIE LDTNDDDIVF EDFARQLKG MKDDKEEEDD VTGSPRLNDR
Species	Rabbit
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 ARRB1 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. Arrestin beta 1 is a cytosolic protein and acts as a cofactor in the beta-adrenergic receptor kinase (BARK) mediated desensitization of beta-adrenergic receptors. Besides the central nervous system, it is expressed at high levels in peripheral blood leukocytes, and thus the BARK beta-arrestin system is believed to play a major role in regulating receptor-mediated immune functions. Alternatively spliced transcripts encoding different isoforms of arrestin beta 1 have been described, however, their exact functions are not known.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2492979
NCBI GeneID	100009235
UniProt Accession #	Q95223
Molecular Weight	46,360 Da
NCBI Official Full Name	Beta-arrestin-1
NCBI Official Symbol	ARRB1
NCBI Protein Information	beta-arrestin-1

UniProt Protein Name	Beta-arrestin-1
UniProt Gene Name	ARRB1

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://stage.aaabiotech.com/arrb1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116522>