Probable Actin-Related Protein 2/3 Complex Subunit 2 (ARC-p34) Anopheles Gambiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable actin-related protein 2/3 complex subunit 2 (Arc-p34), Recombinant Protein
Full Product Name	Recombinant Anopheles gambiae Probable actin-related protein 2/3 complex subunit 2 (Arc-p34)
Product Gene Name	Arc-p34 recombinant protein
Product Synonym Gene Name	Arc-p34
Sequence	MILLEINNRI VEETLTVKFK NAIAGNKAES IDVTVADFDG VLFHISNING DKTKVRTSIS LKFYKQLQEH GADELLKREY GDLLVAPEDG YNVSVLVDLE NIPENWEETV RKIGLLKRNC FASVFEKYFD FQSQGEGEGE GQKRAVINYR NDETMYVEAK PDRVTVVFST IFRDEDDVVL GKVFMQELRE GRRASHTAPQ VLFSHREPPL ELANTGARVG ENIGYVTFVL FPRHTAKETR DNTINLIHMF RDYLHYHIKC SKAYIHSRMR AKTTEFLKVL NRARPEPKIT EKKTITGRTF IRKE
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	35,075 Da
Sequence Positions	1-304, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q7PVX8
Species	Anopheles gambiae (African malaria mosquito)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Arc-p34 recombinant protein	MBS1384709 is a recombinant protein targeting Arc-p34. Also known as Recombinant Anopheles gambiae Probable actin-related protein 2/3 complex subunit 2 (Arc-p34). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Arc-p34 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Arc-p34. It may not necessarily be applicable to this product.

NCBI GI #	58393230
NCBI GeneID	1280110
NCBI Accession #	XP_319914.2

UniProt Primary Accession #	Q7PVX8
UniProt Secondary Accession #	Q7PVX9
GenBank Nucleotide #	XM_319914.3
NCBI Official Full Name	AGAP009154-PA
NCBI Official Symbol	ARPC2_ANOGA
UniProt Protein Name	Probable actin-related protein 2/3 complex subunit 2
UniProt Synonym Protein Names	Arp2/3 complex 34 kDa subunit; p34-ARC
Protein Family	Probable actin-related protein 2/3 complex
UniProt Gene Name	Arc-p34
UniProt Synonym Gene Names	p34-ARC
NCBI Protein Information	AGAP009154-PA
UniProt Comments for Arc-p34	Functions as actin-binding component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks. Seems to contact the mother actin filament ().
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