Rho Gtpase-Activating Protein 27 (ARHGAP27) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Rho GTPase-activating protein 27 (ARHGAP27), Recombinant Protein
Full Product Name	Recombinant Human Rho GTPase-activating protein 27 (ARHGAP27) , partial
Product Gene Name	ARHGAP27 recombinant protein
Product Synonym Gene Name	ARHGAP27
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	28,192 Da
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.
OMIM	610591
3D Structure	ModBase 3D Structure for Q6ZUM4
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ARHGAP27 recombinant protein	MBS1338549 is a recombinant protein targeting ARHGAP27. Also known as Recombinant Human Rho GTPase-activating protein 27 (ARHGAP27) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ARHGAP27 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 ARHGAP27. It may not necessarily be applicable to this product.

NCBI GI #	533868710
NCBI GeneID	201176
NCBI Accession #	NP_001269219.1
UniProt Primary Accession #	Q6ZUM4
UniProt Secondary Accession #	Q494U0; Q6NWZ8; Q8WY58; A4FU35; A8K3N5; C9JTF3
UniProt Related Accession #	Q6ZUM4
GenBank Nucleotide #	NM_001282290.1

NCBI Official Full Name	rho GTPase-activating protein 27 isoform d
NCBI Official Synonym Full Names	Rho GTPase activating protein 27
NCBI Official Symbol	ARHGAP27
NCBI Official Synonym Symbols	PP905; SH3D20; SH3P20; CAMGAP1
UniProt Protein Name	Rho GTPase-activating protein 27
UniProt Synonym Protein Names	CIN85-associated multi-domain-containing Rho GTPase-activating protein 1; Rho-type GTPase-activating protein 27; SH3 domain-containing protein 20
Protein Family	Rho GTPase-activating protein
UniProt Gene Name	ARHGAP27
UniProt Synonym Gene Names	CAMGAP1; SH3D20
NCBI Protein Information	rho GTPase-activating protein 27
NCBI Summary for ARHGAP27	This gene encodes a member of a large family of proteins that activate Rho-type guanosine triphosphate (GTP) metabolizing enzymes. The encoded protein may pay a role in clathrin-mediated endocytosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2013]
UniProt Comments for ARHGAP27	Rho GTPase-activating protein which may be involved in clathrin-mediated endocytosis. GTPase activators for the Rho-type GTPases act by converting them to an inactive GDP-bound state. Has activity toward CDC42 and RAC1 ().
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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