Ras-Related Protein Rabg3a (RABG3A) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ras-related protein RABG3a (RABG3A), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Ras-related protein RABG3a (RABG3A)
Product Gene Name	RABG3A recombinant protein
Product Synonym Gene Name	RABG3A
Sequence	MATRRRTLLK VIVLGDSGVG KTSLMNQYVH KKFSMQYKAT IGADFVTKEL QIGEKLVTLQ IWDTAGQERF QSLGAAFYRG ADCCALVYDV NVLRSFDNLE TWHEEFLKQA SPSDPKTFPF IVLGNKIDVD GGSSRVVSDK KAADWCASNG NIPYFETSAK DDFNVDEAFL TIAKTALANE HEQDIYFQGI PDAVTENEPK GGGCAC
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	18,933 Da
Sequence Positions	1-206, 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 Q948K8
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RABG3A recombinant protein	MBS1360093 is a recombinant protein targeting RABG3A. Also known as Recombinant Arabidopsis thaliana Ras-related protein RABG3a (RABG3A). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RABG3A 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 RABG3A. It may not necessarily be applicable to this product.

NCBI GI #	1063721437
NCBI GeneID	826558
NCBI Accession #	NP_001319888.1
UniProt Primary Accession #	Q948K8
UniProt Secondary Accession #	Q3EA61; Q9SZ88; A2RVP8

UniProt Related Accession #	Q948K8
GenBank Nucleotide #	NM_001340630.1
NCBI Official Full Name	RAB GTPase homolog G3A
NCBI Official Symbol	RABG3A
NCBI Official Synonym Symbols	ATRABG3A; F17A8.70; F17A8_70; RAB GTPase homolog G3A
UniProt Protein Name	Ras-related protein RABG3a
UniProt Synonym Protein Names	Ras-related protein Rab76; AtRab76
Protein Family	Ras-related protein
UniProt Gene Name	RABG3A
UniProt Synonym Gene Names	RAB76; AtRABG3a; AtRab76
NCBI Protein Information	RAB GTPase homolog G3A
UniProt Comments for RABG3A	Intracellular vesicle trafficking and protein transport.
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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