Ras Guanine Nucleotide Exchange Factor Y (gefY) Dictyostelium Discoideum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ras guanine nucleotide exchange factor Y (gefY), Recombinant Protein
Full Product Name	Recombinant Dictyostelium discoideum Ras guanine nucleotide exchange factor Y (gefY), partial
Product Gene Name	gefY recombinant protein
Product Synonym Gene Name	gefY
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	166,169 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.
3D Structure	ModBase 3D Structure for Q552M5
Species	Dictyostelium discoideum (Slime mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gefY recombinant protein	MBS1336433 is a recombinant protein targeting gefY. Also known as Recombinant Dictyostelium discoideum Ras guanine nucleotide exchange factor Y (gefY), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gefY 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 gefY. It may not necessarily be applicable to this product.

NCBI GI #	66819455
NCBI GeneID	8620272
NCBI Accession #	XP_643387.1
UniProt Primary Accession #	Q552M5
UniProt Secondary Accession #	Q86JC7
GenBank Nucleotide #	XM_638295.1
NCBI Official Full Name	RasGEF domain-containing protein
NCBI Official Symbol	gefY

UniProt Protein Name	Ras guanine nucleotide exchange factor Y
UniProt Synonym Protein Names	RasGEF domain-containing protein Y
Protein Family	Ras guanine nucleotide exchange factor
UniProt Gene Name	gefY
UniProt Synonym Gene Names	rasGEFY
NCBI Protein Information	RasGEF domain-containing protein
UniProt Comments for gefY	Promotes the exchange of Ras-bound GDP by GTP.
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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