Guanine Nucleotide-Binding Protein Alpha-4 Subunit (gpa-4) Caenorhabditis Elegans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Guanine nucleotide-binding protein alpha-4 subunit (gpa-4), Recombinant Protein
Full Product Name	Recombinant Caenorhabditis elegans Guanine nucleotide-binding protein alpha-4 subunit (gpa-4)
Product Gene Name	gpa-4 recombinant protein
Product Synonym Gene Name	gpa-4
Sequence	GCFHSTGSEA KKRSKLIDEQ LRHDHERCVG EIKLLLLGAG ESGKSTIVRQ MRILHETGFN KQEQMAYRPV VFSNMVQSML AILKAMQPLN ISFTDAAREE DARMFISHFL HVNNAELSEA FSLELSDLMK QLWMDEGVKK CVKRAHEYQL NDSAEYYFNA LDRISSSSYL PTQDDILRAR VKSTGIVETT FMYKDLCFKM FDVGGQRSER KKWIHCFDSV TAVIFCVALS EYDLRLAEDQ TMNRMHESMQ LFDSIVNNCW FTETSIILFL NKMDIFEERI RYTPLTVCFP EYQGGMTITE TSTFIQSRFE ILNKRQTPAQ KEIYSHFTCA TDTNNIRFVF DAVTDIIIRN NLYLCGLY
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	41,671 Da
Sequence Positions	2-359, Full length
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 Q9BIG5
Species	Caenorhabditis elegans
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gpa-4 recombinant protein	MBS1329127 is a recombinant protein targeting gpa-4. Also known as Recombinant Caenorhabditis elegans Guanine nucleotide-binding protein alpha-4 subunit (gpa-4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gpa-4 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 gpa-4. It may not necessarily be applicable to this product.

NCBI GI #	25144868
NCBI GeneID	176865
NCBI Accession #	NP_499921.2

UniProt Primary Accession #	Q9BIG5
UniProt Secondary Accession #	O44409
UniProt Related Accession #	Q9BIG5
GenBank Nucleotide #	NM_067520.6
NCBI Official Full Name	Guanine nucleotide-binding protein alpha-4 subunit
NCBI Official Symbol	gpa-4
UniProt Protein Name	Guanine nucleotide-binding protein alpha-4 subunit
Protein Family	Guanine nucleotide-binding protein
UniProt Gene Name	gpa-4
NCBI Protein Information	Guanine nucleotide-binding protein alpha-4 subunit
UniProt Comments for gpa-4	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems.
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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