Guanine Nucleotide-Binding Protein G (I) Subunit Alpha Homarus Americanus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Guanine nucleotide-binding protein G (i) subunit alpha, Recombinant Protein
Full Product Name	Recombinant Homarus americanus Guanine nucleotide-binding protein G (i) subunit alpha
Sequence	GCAMSNAADK EAAERSKKID KDLRLAGERA AREVKLLLLG AGESGKSTIV KQMKIIHETG YSREECEQYR PVVYSNTIQS LMAIIRAMGQ LKIDFRDSSR ADDARHFFTL ASAADEGELT PELANIMKRL WNESGVQHCR NRSREYQLND TAAYYLNALD RIARPGYIPT QQDVLRTRVK TTGIVETNFS FKNLNFKLFD VGGQRSERKK WIHCFEGVTA IIFVVALSGY DLVLAEDEEM NRMIESMKLF DSICNNKWFV ETSIILFLNK KDLFEQKITK SPLTICFPEY QGSNVYEDSA NYIRMKFENL NKRKDQKEIY THFTCATDTN NIQFVFDAVT DVIIKNNLKD CGLF
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	40,732 Da
Sequence Positions	2-355, 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 P41776
Species	Homarus americanus (American lobster)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Guanine nucleotide-binding protein G (i) subunit alpha recombinant protein	MBS1128897 is a recombinant protein targeting Guanine nucleotide-binding protein G (i) subunit alpha. Also known as Recombinant Homarus americanus Guanine nucleotide-binding protein G (i) subunit alpha. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Guanine nucleotide-binding protein G (i) subunit alpha 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 Guanine nucleotide-binding protein G (i) subunit alpha. It may not necessarily be applicable to this product.

NCBI GI #	1169866
NCBI Accession #	P41776.2
UniProt Primary Accession #	P41776
NCBI Official Full Name	Guanine nucleotide-binding protein G(i) subunit alpha
UniProt Protein Name	Guanine nucleotide-binding protein G(i) subunit alpha

UniProt Synonym Protein Names	Adenylate cyclase-inhibiting G alpha protein
Protein Family	G protein
UniProt Comments for Guanine nucleotide-binding protein G (i) subunit alpha	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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