Probable Glycine Cleavage System H Protein 2, Mitochondrial (AT1G32470) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable glycine cleavage system H protein 2, mitochondrial (At1g32470), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Probable glycine cleavage system H protein 2, mitochondrial (At1g32470)
Product Gene Name	At1g32470 recombinant protein
Product Synonym Gene Name	At1g32470
Sequence	SSVLEGLKYA NSHEWVKHEG SVATIGITDH AQDHLGEVVF VELPEANSSV SKEKSFGAVE SVKATSEILS PISGEVIEVN TKLTESPGLI NSSPYEDGWM IKVKPSSPAE LEALMGPKEY TKFCEEEDAA H
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	17,897 Da
Sequence Positions	36-166, 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 Q9LQL0
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At1g32470 recombinant protein	MBS1304181 is a recombinant protein targeting At1g32470. Also known as Recombinant Arabidopsis thaliana Probable glycine cleavage system H protein 2, mitochondrial (At1g32470). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At1g32470 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 At1g32470. It may not necessarily be applicable to this product.

NCBI GI #	15223217
NCBI GeneID	840141
NCBI Accession #	NP_174525.1
UniProt Primary Accession #	Q9LQL0

UniProt Related Accession #	Q9LQL0
GenBank Nucleotide #	NM_102982.4
NCBI Official Full Name	Single hybrid motif superfamily protein
NCBI Official Symbol	AT1G32470
NCBI Official Synonym Symbols	F5D14.25; F5D14_25
UniProt Protein Name	Glycine cleavage system H protein 3, mitochondrial
UniProt Gene Name	GDH3
NCBI Protein Information	Single hybrid motif superfamily protein
UniProt Comments for At1g32470	The glycine decarboxylase (GDC) or glycine cleavage system catalyzes the degradation of glycine. The H protein shuttles the methylamine group of glycine from the P protein to the T protein ().
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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