Small Heat Shock Protein Hspg12 (hspG12) Dictyostelium Discoideum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Small heat shock protein hspG12 (hspG12), Recombinant Protein
Full Product Name	Recombinant Dictyostelium discoideum Small heat shock protein hspG12 (hspG12)
Product Gene Name	hspG12 recombinant protein
Product Synonym Gene Name	hspG12
Sequence	MATIFDILNT LNNNNNNKNY FESCKRQRTN NKTNKTIIDI LPPMDVTMTN DKLIIETELA GISKDDIEIS INDSILTIQG EKKKNLNKQL IIEKSSSSPS LLDTKEDEAS IEEFDEDDIK PKSTETTSTL SNSKENKKDE NKSKSTEKKF ISERSFGNFK RYLDLTKFLY QLDLNSINTQ FENGLLTITI NKKLHYSNTI KININ
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	23,526 Da
Sequence Positions	1-205, 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 Q76NU5
Species	Dictyostelium discoideum (Slime mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hspG12 recombinant protein	MBS1334521 is a recombinant protein targeting hspG12. Also known as Recombinant Dictyostelium discoideum Small heat shock protein hspG12 (hspG12). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hspG12 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 hspG12. It may not necessarily be applicable to this product.

NCBI GI #	66817502
NCBI GeneID	8621021
NCBI Accession #	XP_642604.1
UniProt Primary Accession #	Q76NU5
UniProt Secondary Accession #	Q54ZN8

GenBank Nucleotide #	XM_637512.1
NCBI Official Full Name	heat shock protein Hsp20 domain-containing protein
NCBI Official Symbol	hspG12
UniProt Protein Name	Small heat shock protein hspG12
Protein Family	Small heat shock protein
UniProt Gene Name	hspG12
NCBI Protein Information	heat shock protein Hsp20 domain-containing protein
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