Glyceraldehyde-3-Phosphate Dehydrogenase (gap) Sulfolobus Tokodaii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glyceraldehyde-3-phosphate dehydrogenase (gap), Recombinant Protein
Full Product Name	Recombinant Sulfolobus tokodaii Glyceraldehyde-3-phosphate dehydrogenase (gap)
Product Gene Name	gap recombinant protein
Product Synonym Gene Name	gap
Sequence	MEKVKVAVNG YGTIGKRVAD AIRLQPDMEL IGVGKTSPNY EAIIADKKGI KIYTVKDNIG KFEKSGIRVA GTIEDMVKEA DIVVDTTPNG VGATYKPLYQ SLGKNALFQG GEKADVADIS FSALCNYDEA KGKKYIRVVS CNTTGMLRII CTMNKISKVE KVRATIVRRA ADPKEVKRGP INSIVPDPAS VPSHHAKDVL TVIKGIDIVT MAVIAPTTLM HLHTMVLTVK DKVNRDDIIN TFLNTPRIIL VNSSRTTVSS TAEIIEVSRD MGRVRYDIPE VVVFEDSIYT NGNEVFLMYG VHQESIVVPE NIDAIRASLG LMGKEESIKV TNDTLGIMKG YLL
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	37,515 Da
Sequence Positions	1-343, 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 Q971K2
Species	Sulfolobus tokodaii (strain DSM 16993 / JCM 10545 / NBRC 100140 / 7)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gap recombinant protein	MBS1421802 is a recombinant protein targeting gap. Also known as Recombinant Sulfolobus tokodaii Glyceraldehyde-3-phosphate dehydrogenase (gap). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gap 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 gap. It may not necessarily be applicable to this product.

NCBI GI #	499288106
NCBI Accession #	WP_010979396.1
UniProt Primary Accession #	Q971K2
GenBank Nucleotide #	WP_010979396.1

NCBI Official Full Name	glyceraldehyde-3-phosphate dehydrogenase
UniProt Protein Name	Glyceraldehyde-3-phosphate dehydrogenase
UniProt Synonym Protein Names	NAD(P)-dependent glyceraldehyde-3-phosphate dehydrogenase
Protein Family	Peptidoglycolipid exporter
UniProt Gene Name	gap
UniProt Synonym Gene Names	GAPDH
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