Glyceraldehyde-3-Phosphate Dehydrogenase (gap) Methanobacterium Bryantii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glyceraldehyde-3-phosphate dehydrogenase (gap), Recombinant Protein
Full Product Name	Recombinant Methanobacterium bryantii Glyceraldehyde-3-phosphate dehydrogenase (gap)
Product Gene Name	gap recombinant protein
Sequence	MKSVGINGYG TIGKRVADAV SAQDDMKIVG VTKRSPDFEA RMAVENGYDL YISVPERESS FEEAGIKVTG TADELLEKLD IVVDCTPEGI GAKNKEGTYE KMGLKAIFQG GEKHDQIGLS FNSFSNYNDV IGKDYARVVS CNTTGLCRTL NPINDLCGIK KVRAVMVRRG ADPGQVKKGP INAIVPNPPT VPSHHGPDVQ TVMYDLNITT MALLVPTTLM HQHNLMVELE SSVSVDDIKE KLNETPRVLL LKAGEGLTST AGFMEYAKDL GRSRNDLFEI GVWEESLNIV DGELYYMQAI HQESDVVPEN VDAIRAMLEM ENDPSKSIQK TNKAMGIL
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	37,013 Da
Sequence Positions	1-338, 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 P19314
Species	Methanobacterium bryantii
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gap recombinant protein	MBS1160955 is a recombinant protein targeting gap. Also known as Recombinant Methanobacterium bryantii 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 #	1346066
NCBI Accession #	P19314.2
UniProt Primary Accession #	P19314
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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