Putative Septation Protein Spovg (spoVG) Thermoanaerobacter Tengcongensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative septation protein spoVG (spoVG), Recombinant Protein
Full Product Name	Recombinant Thermoanaerobacter tengcongensis Putative septation protein spoVG (spoVG)
Product Gene Name	spoVG recombinant protein
Product Synonym Gene Name	spoVG; TTE2573
Product Synonym Names	Putative septation protein spoVG
Sequence	MKITDVRVRK LNDEGRMKAV VSVTFDNEFV VHDIKVIEGQ NGLFIAMPSR KTPEGEFKDI AHPINSDTRN KLQKAILEEY EKAKENNSNK E
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	10,445 Da
Sequence Positions	1-91aa; 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 Q8R751
Species	Thermoanaerobacter tengcongensis (strain DSM 15242 / JCM 11007 / NBRC 100824 / MB4) (Caldanaerobacter subterraneus subsp. tengcongensis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for spoVG recombinant protein	MBS1307434 is a recombinant protein targeting spoVG. Also known as Recombinant Thermoanaerobacter tengcongensis Putative septation protein spoVG (spoVG). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of spoVG 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 spoVG. It may not necessarily be applicable to this product.

NCBI GI #	20808922
NCBI GeneID	997295
NCBI Accession #	NP_624093.1
UniProt Primary Accession #	Q8R751

UniProt Related Accession #	Q8R751
GenBank Nucleotide #	NC_003869.1
NCBI Official Full Name	regulatory protein SpoVG
NCBI Official Symbol	SpoVG2
UniProt Protein Name	Putative septation protein SpoVG
Protein Family	Putative septation protein
UniProt Gene Name	spoVG
UniProt Entry Name	SP5G_THETN
NCBI Protein Information	regulatory protein SpoVG
UniProt Comments for spoVG	Could be involved in septation.
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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