Degv Domain-Containing Protein CPE2509 (CPE2509) Clostridium Perfringens Recombinant Protein

PRODUCT OVERVIEW

Product Name	DegV domain-containing protein CPE2509 (CPE2509), Recombinant Protein
Full Product Name	Recombinant Clostridium perfringens DegV domain-containing protein CPE2509 (CPE2509)
Product Gene Name	CPE2509 recombinant protein
Product Synonym Gene Name	CPE2509
Sequence	MQKIAIITDS SCDLTIDEIK DYNLNILPLK IIYKDREYND IFDIKPIDVY ENLHNEVPTT SLCSPDYINS VLDKLEAEGY THLIGIFISS SLSGTFNAAR LVIEERSSFK YYLFDSKIIG YPLGSIVIKA AEFVKEGKSF EEIIEALSII REATTGFYTL NTLEYLRRGG RIGKVAGTVG DLLHLKPIIS VDEHGAYTTI AKARGRKQSL KKLASIILEH LDEGKCNVAI LNGMAEEEAN QVLDSISSHP NLLKSQVRAI GAAMGVHAGP GMVGVSIQKE I
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	30,980 Da
Sequence Positions	1-281, 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 Q8XHH5
Species	Clostridium perfringens
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CPE2509 recombinant protein	MBS1385716 is a recombinant protein targeting CPE2509. Also known as Recombinant Clostridium perfringens DegV domain-containing protein CPE2509 (CPE2509). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CPE2509 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 CPE2509. It may not necessarily be applicable to this product.

NCBI GI #	499320447
NCBI Accession #	WP_011010939.1
UniProt Primary Accession #	Q8XHH5
GenBank Nucleotide #	WP_011010939.1

NCBI Official Full Name	fatty acid-binding protein DegV
UniProt Protein Name	DegV domain-containing protein CPE2509
Protein Family	DegV domain-containing protein
UniProt Gene Name	CPE2509
UniProt Comments for CPE2509	May bind long-chain fatty acids, such as palmitate, and may play a role in lipid transport or fatty acid metabolism.
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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