Germination Protease (gpr) Bacillus Cereus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Germination protease (gpr), Recombinant Protein
Full Product Name	Recombinant Bacillus cereus Germination protease (gpr)
Product Gene Name	gpr recombinant protein
Product Synonym Gene Name	gpr
Sequence	LAVEAHQMLQ ESQEEQKGIQ GVIVKEREEE GTIITKVTID EAASEAMGKK PGNYLTLEVQ GIRQQDTELQ QKVERIFAKE FSCFLEEVGV TKEASCLIVG LGNWNVTPDA LGPIVVENVL VTRHLFQLQP ESVEEGFRPV SAIRPGVMGI TGIETSDVIY GIIEKTNPDF VIAIDALAAR SIERVNSTIQ ISDTGIHPGS GVGNKRKELS KDTLGIPVIA IGVPTVVDAV SITSDTIDFI LKHFGREMKE GNKPSRSLLP AGFSFGEKKQ LTQEDMPDEK SRNMFLGVVG TLEEEEKRRL IYEVLSLLGH NLMVPPKEVD SFIEDMANVI ASGLNAALHH QIDQDNTGAY TH
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	40,361 Da
Sequence Positions	16-367, Full length
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 Q818E2
Species	Bacillus cereus (strain 14579 / DSM 31)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gpr recombinant protein	MBS1439028 is a recombinant protein targeting gpr. Also known as Recombinant Bacillus cereus Germination protease (gpr). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gpr 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 gpr. It may not necessarily be applicable to this product.

NCBI GI #	30022400
NCBI GeneID	1206664
NCBI Accession #	NP_834031.1
UniProt Primary Accession #	Q818E2
UniProt Related Accession #	Q818E2

GenBank Nucleotide #	NC_004722.1
NCBI Official Full Name	germination protease
NCBI Official Symbol	BC4319
UniProt Protein Name	Germination protease
UniProt Synonym Protein Names	GPR endopeptidase
Protein Family	Germination protease
UniProt Gene Name	gpr
NCBI Protein Information	germination protease
UniProt Comments for gpr	Initiates the rapid degradation of small, acid-soluble proteins during spore germination.
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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