CRP-Like Protein Clp (clp) Xanthomonas Campestris Pv. Campestris Recombinant Protein

PRODUCT OVERVIEW

Product Name	CRP-like protein Clp (clp), Recombinant Protein
Full Product Name	Recombinant Xanthomonas campestris pv. campestris CRP-like protein Clp (clp)
Product Gene Name	clp recombinant protein
Product Synonym Gene Name	clp
Sequence	MSLGNTTVVT TTVRNATPSL TLDAGTIERF LAHSHRRRYP TRTDVFRPGD PAGTLYYVIS GSVSIIAEED DDRELVLGYF GSGEFVGEMG LFIESDTREV ILRTRTQCEL AEISYERLQQ LFQTSLSPDA PRILYAIGVQ LSKRLLDTTR KASRLAFLDV TDRIVRTLHD LSKEPEAMSH PQGTQLRVSR QELARLVGCS REMAGRVLKK LQADGLLHAR GKTVVLYGTR
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	25,711 Da
Sequence Positions	1-230, 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 Q4UZF6
Species	Xanthomonas campestris pv. campestris (strain 8004)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for clp recombinant protein	MBS1339900 is a recombinant protein targeting clp. Also known as Recombinant Xanthomonas campestris pv. campestris CRP-like protein Clp (clp). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of clp 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 clp. It may not necessarily be applicable to this product.

NCBI GI #	499346186
NCBI GeneID	1000958
NCBI Accession #	WP_011035725.1
UniProt Primary Accession #	Q4UZF6
UniProt Related Accession #	P22260

GenBank Nucleotide #	WP_011035725.1
NCBI Official Full Name	CRP-like protein Clp
NCBI Official Symbol	clp
UniProt Protein Name	CRP-like protein Clp
UniProt Synonym Protein Names	Catabolite activation-like protein; CAP-like
Protein Family	CRP-like protein
UniProt Gene Name	clp
UniProt Synonym Gene Names	CAP-like
NCBI Protein Information	cAMP-regulatory protein
UniProt Comments for clp	Global transcriptional regulator that regulates virulence factors production by activating or repressing the expression of a large set of genes in diffusible signal factor (DSF) pathway.
Research Articles on clp	**1.** XCC3315 has important roles in the general stress response and cell motility and is positively regulated by Clp.
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