Virulence Plasmid Integrase Pgp7-D (pCHL1p1) Chlamydia Trachomatis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Virulence plasmid integrase pGP7-D (pCHL1p1), Recombinant Protein
Full Product Name	Recombinant Chlamydia trachomatis Virulence plasmid integrase pGP7-D
Product Gene Name	pCHL1p1 recombinant protein
Sequence	MGSMAFHKSR LFLTFGDASE IWLSTLSHLT RKNYASGINF LVSLEILDLS ETLIKAISLD HSESLFKIKS LDVFNGKVVS EASKQARAAC YISFTKFLYR LTKGYIKPAI PLKDFGNTTF FKIRDKIKTE SISKQEWTVF FEALRIVNYR DYLIGKLIVQ GIRKLDEILS LRTDDLFFAS NQISFRIKKR QNKETKILIT FPISLMEELQ KYTCGRNGRV FVSKIGIPVT TSQVAHNFRL AEFYSAMKIK ITPRVLRASA LIHLKQIGLK DEEIMRISCL SSRQSVCSYC SGEEVSPLVQ TPPIL
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	34,806 Da
Sequence Positions	1-305, 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 P0CE19
Species	Chlamydia trachomatis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pCHL1p1 recombinant protein	MBS1228284 is a recombinant protein targeting pCHL1p1. Also known as Recombinant Chlamydia trachomatis Virulence plasmid integrase pGP7-D. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pCHL1p1 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 pCHL1p1. It may not necessarily be applicable to this product.

NCBI GI #	9507278
NCBI GeneID	3205522
NCBI Accession #	NP_040380.1
UniProt Primary Accession #	P0CE19

UniProt Secondary Accession #	P10561; Q46427
GenBank Nucleotide #	NC_001372.1
NCBI Official Full Name	hypothetical protein pCHL1p1 (plasmid)
NCBI Official Symbol	pCHL1p1
UniProt Protein Name	Virulence plasmid integrase pGP7-D
UniProt Synonym Protein Names	Protein P-11
Protein Family	Virulence plasmid integrase
NCBI Protein Information	pGP7-D
UniProt Comments for pCHL1p1	MiscellaneouspGP7-D is required for growth within mammalian cells.
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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