Type IV Secretion System Protein Ptlc (ptlC) Bordetella Pertussis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Type IV secretion system protein ptlC (ptlC), Recombinant Protein
Full Product Name	Recombinant Bordetella pertussis Type IV secretion system protein ptlC (ptlC), partial
Product Gene Name	ptlC recombinant protein
Product Synonym Gene Name	ptlC
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	92,638 Da
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 Q7VSX9
Species	Bordetella pertussis (strain Tohama I / BAA-589 / 13251)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ptlC recombinant protein	MBS1438026 is a recombinant protein targeting ptlC. Also known as Recombinant Bordetella pertussis Type IV secretion system protein ptlC (ptlC), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ptlC 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 ptlC. It may not necessarily be applicable to this product.

NCBI GI #	33594645
NCBI GeneID	2665411
NCBI Accession #	NP_882289.1
UniProt Primary Accession #	Q7VSX9
UniProt Secondary Accession #	Q45392
UniProt Related Accession #	Q7VSX9
GenBank Nucleotide #	NC_002929.2
NCBI Official Full Name	type IV secretion system protein PtlC
NCBI Official Symbol	ptlC

UniProt Protein Name	Type IV secretion system protein PtlC
UniProt Synonym Protein Names	Pertussis toxin liberation protein C
Protein Family	Type IV secretion system protein
UniProt Gene Name	ptlC
NCBI Protein Information	type IV secretion system protein PtlC
UniProt Comments for ptlC	Component of the type IV secretion system ptl essential for secretion of assembled pertussis toxin (PTX) through the outer membrane.
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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