Colicin-D Immunity Protein (cdi) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Colicin-D immunity protein (cdi), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Colicin-D immunity protein (cdi)
Product Gene Name	cdi recombinant protein
Sequence	MNKMAMIDLA KLFLASKITA IEFSERICVE RRRLYGVKDL SPNILNCGEE LFMAAERFEP DADRANYEID DNGLKVEVRS ILEKFKL
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	10,058 Da
Sequence Positions	1-87, 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 P11899
Species	Escherichia coli
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cdi recombinant protein	MBS1226459 is a recombinant protein targeting cdi. Also known as Recombinant Escherichia coli Colicin-D immunity protein (cdi). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cdi 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 cdi. It may not necessarily be applicable to this product.

NCBI GI #	124407
NCBI Accession #	P11899.2
UniProt Primary Accession #	P11899
UniProt Secondary Accession #	P71225
NCBI Official Full Name	Colicin-D immunity protein
UniProt Protein Name	Colicin-D immunity protein
UniProt Synonym Protein Names	Microcin-D immunity protein

Protein Family	Aspartic protease inhibitor
UniProt Gene Name	cdi
UniProt Comments for cdi	This protein is able to protect a cell, which harbors the plasmid ColD-CA23 encoding colicin D, against colicin D.
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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