Protein Xni (xni) Yersinia Pestis Bv. Antiqua Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein Xni (xni), Recombinant Protein
Full Product Name	Recombinant Yersinia pestis bv. Antiqua Protein Xni (xni)
Product Gene Name	xni recombinant protein
Product Synonym Gene Name	xni
Sequence	MQIHLLIVDA LNLIRRIHAV QGSPCVKACQ HALQQLIQHS QPSHAVAVFD EDDRSDSWRH QCLPDYKAGR SPMPDNLQQE MPLIRQAFNE LGVACWHSPG NEADDLAATL VVKVAGAGHQ VTIVSTDKGY CQLLAPNIQI RDYFQKRWLD MPFVKQEFGV LPRQLPDYWG LAGISSSKIP GVAGVGAKTA TLLLQQADTL EVLYQNLESI PEKWRKKLQQ HQQMAFTCKQ IATLKTDLLL SGNLQQLRLK K
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	28,161 Da
Sequence Positions	1-251, 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 Q1CFD3
Species	Yersinia pestis bv. Antiqua (strain Nepal516)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for xni recombinant protein	MBS1303811 is a recombinant protein targeting xni. Also known as Recombinant Yersinia pestis bv. Antiqua Protein Xni (xni). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of xni 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 xni. It may not necessarily be applicable to this product.

NCBI GI #	488144762
NCBI Accession #	WP_002215970.1
UniProt Primary Accession #	Q1CFD3
UniProt Secondary Accession #	C4GWZ6
GenBank Nucleotide #	WP_002215970.1

NCBI Official Full Name	flap endonuclease Xni
UniProt Protein Name	Flap endonuclease Xni
Protein Family	Flap endonuclease
UniProt Gene Name	xni
UniProt Synonym Gene Names	FEN
UniProt Comments for xni	Has flap endonuclease activity. During DNA replication, flap endonucleases cleave the 5'-overhanging flap structure that is generated by displacement synthesis when DNA polymerase encounters the 5'-end of a downstream Okazaki fragment.
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