Protein Xni (xni) Shigella Boydii Serotype 4 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein Xni (xni), Recombinant Protein
Full Product Name	Recombinant Shigella boydii serotype 4 Protein Xni (xni)
Product Gene Name	xni recombinant protein
Product Synonym Gene Name	xni
Sequence	MAVHLLIVDA LNLIRRIHAV QGSPCVETCQ HALDQLIMHS QPTHAVAVFD DENRSSGWRH QRLPDYKAGR PPMPEELHDE MPALRAAFEQ RGVPCWSTSG NEADDLAATL AVKVTQAGHQ ATIVSTDKGY CQLLSPTLRI RDYFQKRWLD APFIDKEFGV QPQQLPDYWG LAGISSSKVP GVAGIGPKSA TQLLVEFQSL EGIYENLDAV AEKWRKKLET HKEMAFLCRD IARLQTDLHI DGNLQQLRLV R
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	28,166 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 Q31XJ2
Species	Shigella boydii serotype 4 (strain Sb227)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for xni recombinant protein	MBS1423620 is a recombinant protein targeting xni. Also known as Recombinant Shigella boydii serotype 4 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 #	446190377
NCBI Accession #	WP_000268232.1
UniProt Primary Accession #	Q31XJ2
GenBank Nucleotide #	WP_000268232.1
NCBI Official Full Name	MULTISPECIES: 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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