5'-3' Exonuclease (BH2180) Bacillus Halodurans Recombinant Protein

PRODUCT OVERVIEW

Product Name	5'-3' exonuclease (BH2180), Recombinant Protein
Full Product Name	Recombinant Bacillus halodurans 5'-3' exonuclease (BH2180)
Product Gene Name	BH2180 recombinant protein
Product Synonym Gene Name	BH2180
Sequence	MHSPVLLLID GFNLLSRGYF ATSYGKDEAQ LPRNEAGYYI NALRVFFPKL FQLIREHNVT HVAVAWDVKR EDSHRRQAFA FYKASRGELP EALIEQYETA TSLLEEIGVA QVTIPPYEAD DTIGAFACRW AKEEKGHCFI YSNDRDLLQL LSKSTSQIIS SKGKDLIYTE ENFRNDYNIS PAQWVDVKAL LGDKSDNIPG CPGVGEKSAL PLIQQYGTIE TLYEQIEDLD PKYKRYHKKL VAGEESVIIS KELATITTEI EAISSFSLNS LVLTTPADLI IDTLARCGIR VKLAPVQTEL KLG
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	34,038 Da
Sequence Positions	1-303, 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 Q9KAV6
Species	Bacillus halodurans (strain BAA-125 / DSM 18197 / FERM 7344 / JCM 9153 / C-125)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for BH2180 recombinant protein	MBS1480852 is a recombinant protein targeting BH2180. Also known as Recombinant Bacillus halodurans 5'-3' exonuclease (BH2180). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of BH2180 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 BH2180. It may not necessarily be applicable to this product.

NCBI GI #	499200797
NCBI Accession #	WP_010898337.1
UniProt Primary Accession #	Q9KAV6
GenBank Nucleotide #	WP_010898337.1
NCBI Official Full Name	5'-3' exonuclease

UniProt Protein Name	5'-3' exonuclease
UniProt Gene Name	BH2180
UniProt Comments for BH2180	5'-3' exonuclease acting preferentially on double-stranded DNA.
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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