Extracellular Ribonuclease (bsn) Bacillus Subtilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Extracellular ribonuclease (bsn), Recombinant Protein
Full Product Name	Recombinant Bacillus subtilis Extracellular ribonuclease (bsn)
Product Gene Name	bsn recombinant protein
Product Synonym Gene Name	bsn; yurI; BSU32540
Product Synonym Names	Extracellular ribonuclease; EC=3.1.-.-
Sequence	SAQT TLSLNDRLAS SPSGTGSLLS LAAPAAPYAD TDTYYEGAEG KTGDSLKSTL HRIISGHTML SYSEVWNALK ETDEDPRNPN NVILLYTNES RSKNLNGGNV GDWNREHVWA KSHGDFGTSK GPGTDIHHLR PADVQVNSAR GNMDFDNGGT EYAKAPGNYY DGDSWEPRDD VKGDVARMLF YMAVRYEGDD GYPDLELNDK TGNGSAPYHG KQSVLLEWNK QDPVDDRERK RNEIIYEKYQ HNRNPFIDHP EWADEIWP
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	32,094 Da
Sequence Positions	27-288aa; Extracellular domain
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 O32150
Species	Bacillus subtilis (strain 168)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for bsn recombinant protein	MBS1264701 is a recombinant protein targeting bsn. Also known as Recombinant Bacillus subtilis Extracellular ribonuclease (bsn). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of bsn 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 bsn. It may not necessarily be applicable to this product.

NCBI GI #	16080307
NCBI GeneID	936687
NCBI Accession #	NP_391134.1
UniProt Primary Accession #	O32150

UniProt Related Accession #	O32150
GenBank Nucleotide #	NC_000964.3
NCBI Official Full Name	extracellular ribonuclease
NCBI Official Symbol	bsn
UniProt Protein Name	Extracellular ribonuclease
Protein Family	Extracellular ribonuclease
UniProt Gene Name	bsn
UniProt Synonym Gene Names	yurI
UniProt Entry Name	BSN2_BACSU
NCBI Protein Information	extracellular ribonuclease
UniProt Comments for bsn	Mg2+-activated ribonuclease which hydrolyzes RNA apparently nonspecifically into oligonucleotides with 5'-terminal phosphate.
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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