Proteasome Subunit Beta 2 (psmB2) Korarchaeum Cryptofilum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Proteasome subunit beta 2 (psmB2), Recombinant Protein
Full Product Name	Recombinant Korarchaeum cryptofilum Proteasome subunit beta 2 (psmB2)
Product Gene Name	psmB2 recombinant protein
Sequence	TALGLRFDGG VVLAADRRVS YNGFILSKSA RKVFLINERV GVSTAGLPGD FQELVDVLKY NITMYELENE KAATPTNVAK LLSILLYQGR FSGIYYAELV VGGIDNSGPK IFVLDPAGGL MEENFSAVGS GAQIATGILE RFFKEGMSEK EAVELAERAM REAISRDALS GDGIDLLIIT SKGSRMEFIP VRTA
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	21,362 Da
Sequence Positions	5-198, 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 B1L6X8
Species	Korarchaeum cryptofilum (strain OPF8)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for psmB2 recombinant protein	MBS1236253 is a recombinant protein targeting psmB2. Also known as Recombinant Korarchaeum cryptofilum Proteasome subunit beta 2 (psmB2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of psmB2 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 psmB2. It may not necessarily be applicable to this product.

NCBI GI #	501267086
NCBI GeneID	6094738
NCBI Accession #	WP_012310104.1
UniProt Primary Accession #	B1L6X8
UniProt Related Accession #	B1L6X8
GenBank Nucleotide #	WP_012310104.1
NCBI Official Full Name	proteasome subunit beta

NCBI Official Symbol	KCR_RS07645
UniProt Protein Name	Proteasome subunit beta 2
UniProt Synonym Protein Names	20S proteasome beta subunit 2
Protein Family	Proteasome
UniProt Gene Name	psmB2
NCBI Protein Information	proteasome subunit beta
UniProt Comments for psmB2	Component of the proteasome core, a large protease complex with broad specificity involved in protein degradation.
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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