Proteasome Subunit Alpha (prcA) Mycobacterium Tuberculosis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Proteasome subunit alpha (prcA), Recombinant Protein
Full Product Name	Recombinant Mycobacterium tuberculosis Proteasome subunit alpha (prcA)
Product Gene Name	prcA recombinant protein
Sequence	MSFPYFISPE QAMRERSELA RKGIARAKSV VALAYAGGVL FVAENPSRSL QKISELYDRV GFAAAGKFNE FDNLRRGGIQ FADTRGYAYD RRDVTGRQLA NVYAQTLGTI FTEQAKPYEV ELCVAEVAHY GETKRPELYR ITYDGSIADE PHFVVMGGTT EPIANALKES YAENASLTDA LRIAVAALRA GSADTSGGDQ PTLGVASLEV AVLDANRPRR AFRRITGSAL QALLVDQESP QSDGESSG
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	26,881 Da
Sequence Positions	1-248, 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 A5WP83
Species	Mycobacterium tuberculosis (strain F11)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for prcA recombinant protein	MBS1164026 is a recombinant protein targeting prcA. Also known as Recombinant Mycobacterium tuberculosis Proteasome subunit alpha (prcA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of prcA 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 prcA. It may not necessarily be applicable to this product.

NCBI GI #	490003842
NCBI Accession #	WP_003906749.1
UniProt Primary Accession #	A5WP83
GenBank Nucleotide #	WP_003906749.1
NCBI Official Full Name	proteasome subunit alpha
UniProt Protein Name	Proteasome subunit alpha

UniProt Synonym Protein Names	20S proteasome alpha subunit
Protein Family	Calcium-dependent protease
UniProt Gene Name	prcA
UniProt Comments for prcA	Component of the proteasome core, a large protease complex with broad specificity involved in protein degradation.
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