Proteasome Subunit Beta Type-3 (PRSBETA3) Giardia Intestinalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Proteasome subunit beta type-3 (PRSBETA3), Recombinant Protein
Full Product Name	Recombinant Giardia intestinalis Proteasome subunit beta type-3 (PRSBETA3)
Product Gene Name	PRSBETA3 recombinant protein
Product Synonym Gene Name	PRSBETA3
Sequence	MGNIWEYNGS ALIGIKGXDC VALAADKRLG CSYQTLTIGN EERIFRLSQS CLLGLAGLQT DVLTTYRQIR MKSNLYHLQE DREIRPRATA KMISSFLYKH RFGPYFISPI IAGFEADGKP YLGAMDTIGC LDDCTNFQIA GTASDFLLGL CETHVKPDMS EDEILPLMEQ IIRSATNRDA YSGWGAHVVV LRRDGTTSDI PISTRMD
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	23,022 Da
Sequence Positions	1-207, 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 Q9N9W8
Species	Giardia intestinalis (Giardia lamblia)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PRSBETA3 recombinant protein	MBS1331072 is a recombinant protein targeting PRSBETA3. Also known as Recombinant Giardia intestinalis Proteasome subunit beta type-3 (PRSBETA3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PRSBETA3 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 PRSBETA3. It may not necessarily be applicable to this product.

NCBI GI #	17380218
NCBI Accession #	Q9N9W8.1
UniProt Primary Accession #	Q9N9W8
NCBI Official Full Name	Proteasome subunit beta type-3
UniProt Protein Name	Proteasome subunit beta type-3

UniProt Gene Name	PRSBETA3
UniProt Comments for PRSBETA3	The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity ().
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