26s Protease Regulatory Subunit 6a-B (psmc3-b) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	26S protease regulatory subunit 6A-B (psmc3-b), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis 26S protease regulatory subunit 6A-B (psmc3-b)
Product Gene Name	psmc3-b recombinant protein
Sequence	MSTEEIIQRT RLLDSEIKIM KSEVLRVTHE LQAMRDKIKE NSEKIKVNKT LPYLVSNVIE LLDVDPNDQE EDGANIDLDS QRKGKCAVIK TSTRQTYFLP VIGLVDAEKL KPGDLVGVNK DSYLILETLP TEYDSRVKAM EVDERPTEQY SDIGGLDKQI QELVEAIVLP MNHKEKFENL GIQPPKGVLM YGPPGTGKTL LARACAAQTK ATFLKLAGPQ LVQMFIGDGA KLVRDAFSLA KEKAPSIIFI DELDAIGNKR FDSEKAGDRE VQRTMLELLN QLDGFQPTTQ VKVIAATNRV DILDPALLRS GRLDRKIEFP MPNEEARARI MQIHSRKMNV SPDVNYEELA RCTDDFNGAQ CKAVCVEAGI IALRRGATEL THEDYMEGIL EVQAKKKANL QYYA
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	45,276 Da
Sequence Positions	1-404, 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 O42586
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for psmc3-b recombinant protein	MBS1123102 is a recombinant protein targeting psmc3-b. Also known as Recombinant Xenopus laevis 26S protease regulatory subunit 6A-B (psmc3-b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of psmc3-b 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 psmc3-b. It may not necessarily be applicable to this product.

NCBI GI #	3122633
NCBI GeneID	379370
NCBI Accession #	O42586.1
UniProt Primary Accession #	O42586
UniProt Related Accession #	O42586

NCBI Official Full Name	26S proteasome regulatory subunit 6A-B
NCBI Official Synonym Full Names	proteasome 26S subunit, ATPase 3 S homeolog
NCBI Official Symbol	psmc3.S
NCBI Official Synonym Symbols	psmc3; tbp10; XTBP10; psmc3-b
UniProt Protein Name	26S proteasome regulatory subunit 6A-B
UniProt Synonym Protein Names	26S proteasome AAA-ATPase subunit RPT5-B; Proteasome 26S subunit ATPase 3-B; Tat-binding protein 10; TBP-10
Protein Family	26S protease regulatory
UniProt Gene Name	psmc3-b
UniProt Synonym Gene Names	tbp10; TBP-10
NCBI Protein Information	26S proteasome regulatory subunit 6A-B
UniProt Comments for psmc3-b	The 26S proteasome is involved in the ATP-dependent degradation of ubiquitinated proteins. The regulatory (or ATPase) complex confers ATP dependency and substrate specificity to the 26S complex ().
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