26s Proteasome Non-Atpase Regulatory Subunit 6 (PSMD6) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	26S proteasome non-ATPase regulatory subunit 6 (Psmd6), Recombinant Protein
Full Product Name	Recombinant Mouse 26S proteasome non-ATPase regulatory subunit 6 (Psmd6)
Product Gene Name	Psmd6 recombinant protein
Product Synonym Gene Name	Psmd6
Sequence	MPLENLEEEG LPKNPDLRIA QLRFLLSLPE HRGDAAVREE LMAAVRENNM APYYEALCKS LDWQMDVDLL SKMKKANEEE LKRLDEELED AEKNLGESEI RDAMMAKAEY LCQIGDKEGA LTAFRKTYDK TVALGHRLDI VFYLLRIGLF YMDNDLITRN TEKAKSLIEE GGDWDRRNRL KVYQGLYCVA IRDFKQAAEL FLDTVSTFTS YELMDYKTFV TYTVYVSMIA LERPDLREKV IKGAEILEVL HSLPAVRQYL FSLYECRYSV FFQSLAIVEQ EMKKDWLFAP HYRYYVREMR IHAYSQLLES YRSLTLGYMA EAFGVGVDFI DQELSRFIAA GRLHCKIDKV NEIVETNRPD SKNWQYQETI KKGDLLLNRV QKLSRVINM
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	45,536 Da
Sequence Positions	1-389, 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 Q99JI4
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Psmd6 recombinant protein	MBS1475712 is a recombinant protein targeting Psmd6. Also known as Recombinant Mouse 26S proteasome non-ATPase regulatory subunit 6 (Psmd6). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Psmd6 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 Psmd6. It may not necessarily be applicable to this product.

NCBI GI #	46049022
NCBI GeneID	66413
NCBI Accession #	NP_079826.2
UniProt Primary Accession #	Q99JI4

UniProt Secondary Accession #	Q9CWZ1
UniProt Related Accession #	Q99JI4
GenBank Nucleotide #	NM_025550.2
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 6
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, non-ATPase, 6
NCBI Official Symbol	Psmd6
NCBI Official Synonym Symbols	2400006A19Rik
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 6
UniProt Synonym Protein Names	26S proteasome regulatory subunit RPN7; 26S proteasome regulatory subunit S10; p42A
UniProt Gene Name	Psmd6
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 6
UniProt Comments for Psmd6	Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair.
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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