

PSMD9, 1-223aa, Human, His tag, E.coli

Cat.NO.: TP03580

3th Edition

Synonyms:26S proteasome non-ATPase regulatory subunit 9, p27, Rpn4

Description:PSMD9 acts as a chaperone during the assembly of the 26S proteasome, specifically of the base subcomplex of the PA700/19S regulatory complex (RC). During the base subcomplex assembly is part of an intermediate PSMD9:PSMC6:PSMC3 module, also known as modulator trimer complex; PSMD9 is released during the further base assembly process.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:27.1 kDa (246aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMSEEARQSGGSSQAGVVTVSDVQELMRRKEEIEAQIKANYDVLESQKGIG
MNEPLVDCEGYPRSDVDLYQVVRTARHNIICLQNDHKAVMKQVEEALHQLHARDKEKQARDMAEAHKEAMSRKLG
QSESQGPRAFPAKVNISPGSPASIAGLQVDDEIVEFGSVNTQNFQSLHNIGSVVQHSEGKPLNVTVIRRGKHKQLR
LVPTRWAGKLLGCNIPLQR

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.