

**PSMD13, 1-376aa, Human, His tag, E.coli**

**Cat.NO.: TP03578**

3th Edition

**Synonyms:**26S proteasome non-ATPase regulatory subunit 13 isoform 1, HSPC027, p40.5, Rpn9, S11

**Description:**PSMD13 belongs to the proteasome subunit S11 family and contains 1 PCI domain. This protein acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins. Recombinant human PSMD13 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

**Molecular Weight:**45.3kDa (399aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMKDVPGLQQSQNSGPGQPAVWHRLEELYTKKLWHQLTLQVLDFVQDPCF  
AQGDGLIKLYENFISEFEHRVNPLSLVEIILHVVRQMTDPNVALTFLEKTREKVKSSDEAVILCKTAIGALKLNIGDLQV  
TKETIEDVEEMLNNLPGVTSVHSRFDLSSKYYQTIGNHASYYKDALRFLGCVDIKDLPVSEQQERAFTLGLAGLLG  
EGVFNFGELLMHPVLESRLNTDRQWLIDTLYAFNSGNVERFQTLKTAWGQQPDLAANEAQLLRKIQLLCLMEMTFT  
RPANHRQLTFEEIAKSAKITVNEVELLMKALSVGLVKGSIDEVDKRVHMTWVQPRVLDLQQIKGMKDRLEFWCTD  
VKSMEMLVEHQAHDLT

**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.