

**PSMG4, 1-123aa, Human, His tag, E.coli**

**Cat.NO.: TP03585**

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3th Edition

**Synonyms:** Proteasome assembly chaperone 4, PAC4.

**Description:** Proteasome assembly chaperone 4, also known as PSMG4, is a chaperone protein which promotes assembly of the 20S proteasome. It interacts with PSMG3, as well as directly alpha and beta subunits of the 20S proteasome but dissociates before the formation of half-proteasomes, probably upon recruitment of POMP.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

**Molecular Weight:** 15.9 kDa (143aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMEGLVVAAGGDVSLHNFSARLWEQLVHFHVMRLTDSLFLWVGATPHLRNLAVA  
MCSRYDSIPVSTSLLGDTSDTTSTGLAQLARKTNKQVFVSYNLQNTDSNFALLVENRIKEEMEAFPEKF

**Purity:** > 95% by HPLC

**Concentration:** 0.5 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.