# Product information



### **PSMG3**, 1-122aa

Human, His-tagged, Recombinant, E.coli

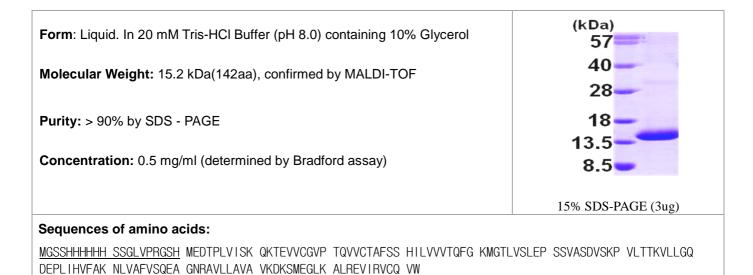
#### Cat. No. IBATGP0736

Full name: Proteasome assembly chaperone 3

NCBI Accession No.: NP\_115678

Synonyms: PAC3, C7orf48

**Description**: PSMG3 is a chaperone protein which promotes assembly of the 20S proteasome. This protein may cooperate with PSMG1-PSMG2 heterodimers to orchestrate the correct assembly of proteasomes. It interacts with PSMG4, 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. Recombinant human PSMG3 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography.



#### General references:

Shin-Ya K., et al. (2010) J Nat Prod. 73(4):628-31.

Murata S., et al. (2006) Mol Cell. 24(6):977-84.

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.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.



## **Product information**

Avoid repeated freezing and thawing cycles.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

> Version 2 / CS Updated 060410

Immuno-Biological Laboratories, Inc. (IBL-America) 8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA Phone: +1 (763) - 780-2955 Email: ibl@ibl-america.com