

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

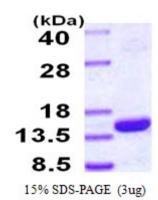
## **OriGene Technologies GmbH**

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

## AR50132PU-S Human PSMG4 (1-123, His-tag) - Purified

Alternate names:	PAC4, Proteasome assembly chaperone 4
Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	<u>Q5IS54</u>
NCBI:	<u>NP_001122063.1</u>
GenelD:	<u>389362</u>
Species:	Human
Source:	E. coli
Format:	<b>State:</b> Liquid purified protein <b>Purity:</b> >95% by SDS - PAGE <b>Buffer System:</b> 20 mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl
Description:	Recombinant human PSMG4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MEGLVVAAGG DVSLHNFSAR LWEQLVHFHV MRLTDSLFLW VGATPHLRNL AVAMCSRYDS IPVSTSLLGD TSDTTSTGLA QRLARKTNKQ VFVSYNLQNT DSNFALLVEN RIKEEMEAFP EKF Molecular weight: 15.9 kDa (143aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Le Tallec B., et al. (1998) Mol Cell. 17(4):660-74.Ramos PC., et al. (1998) Cell. 20(4): 489-99.

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