

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:	Q5J554
NCBI:	NP_001122063.1
GeneID:	389362
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 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 IPVSTSLGSD TSDTTSTGLA QRLARKTNKQ VEVSYNLQNT 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.

Pictures:

