

## Product datasheet for **AR50145PU-S**

### PSMA8 (1-250, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	PSMA8 (1-250, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MASRYDRAIT VFSPDGHLFQ VEYAEAVKK GSTAVGIRGT NIVVLGVEKK SVAKLQDERT VRKICALDDH VCMAFAGLTA DARWINRAR VECQSHKLTVE DPTVEYIT RFIATLKQKY TQSNRRPFG ISALIVGFDD DGISRLYQTD PSGTYHAWKA NAIGRSAKTVE REFLEKNYTE DAIASDSEAI KLAIKALLEV VQSGGKNIEL AIIRRNQPLK MFSAKEVELY VTEIEKEKEE AEKKKSKKSV
Tag:	His-tag
Predicted MW:	30 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PSMA8 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001020267</a>
Locus ID:	143471
UniProt ID:	<a href="#">Q8TAA3</a>
Cytogenetics:	18q11.2
Synonyms:	PSMA7L



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**Summary:**

Component of the spermatoproteasome, a form of the proteasome specifically found in testis that promotes degradation of histones, thereby participating actively to the exchange of histones during spermatogenesis. The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH (By similarity).[UniProtKB/Swiss-Prot Function]

**Protein Families:**

Druggable Genome, Protease

**Protein Pathways:**

Proteasome

**Product images:**