

Product datasheet for **AR50175PU-N**

PSMA4 (1-261, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PSMA4 (1-261, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSRRYD SRTTIFSPG RLYQVEYAME AIGHAGTCLG ILANDGVLLA AERRNIHKLL DEVFFSEKIY KLNEDMACSV AGITSDANVL TNELRLIAQR YLLQYQEPIP CEQLVTALCD IKQAYTQFGG KRPFVSVLLY IGWDKHYGFQ LYQSDPSGNY GGWKATCIGN NSAAAVSMLK QDYKEGEMTL KSALALAIKV LNKTMVSKL SAEKVEIATL TRENGKTVIR VLKQKEVEQL IKKHEEEEEAK AEREKKEKEQ KEKDK
Tag:	His-tag
Predicted MW:	32.0 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1 mM DTT, 0.1 mM PMSF
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PSMA4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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:	NP_001096137
Locus ID:	5685
UniProt ID:	P25789
Cytogenetics:	15q25.1
Synonyms:	HC9; HsT17706; PSC9



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Summary: This gene encodes a core alpha subunit of the 20S proteasome, which is a highly ordered ring-shaped structure composed of four rings of 28 non-identical subunits. Proteasomes cleave peptides in an ATP- and ubiquitin-dependent manner. [provided by RefSeq, Aug 2016]

Protein Families: Druggable Genome, Protease

Protein Pathways: Proteasome

Product images:

