

## Product datasheet for **AR51591PU-S**

### PPA2 (33-334, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	PPA2 (33-334, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSALYHTEE RGQPCSQNYR LFFKNVTGHY ISPFHDIPLK VNSKEENGIP MKKARND EYE NLFNMIVEIP RWTNAKMEIA TKEPMNPIKQ YVKDGLRYV ANIFPYKGYI WNYGTLPQ TW EDPHEKDKST NCFGDNDPID VCEIGSKILS CGEVIHV KIL GILALIDEGE TDWKLIAINA NDPEASKFHD ID DVKKFKPG YLEATLNWFR LYKVPDGKPE NQFAFNGEFK NKAFAL EVIK STHQCWKALL MKKCN GGAIN CTNVQISDSP FRCTQEEARS LVESVSSSPN KESNEEQVW HFLGK
Tag:	His-tag
Predicted MW:	37.1 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 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PPA2 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_008834</a>
Locus ID:	27068
UniProt ID:	<a href="#">Q9H2U2</a>
Cytogenetics:	4q24



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**Synonyms:** HSPC124; SCFAI; SCFI; SID6-306

**Summary:** The protein encoded by this gene is localized to the mitochondrion, is highly similar to members of the inorganic pyrophosphatase (PPase) family, and contains the signature sequence essential for the catalytic activity of PPase. PPases catalyze the hydrolysis of pyrophosphate to inorganic phosphate, which is important for the phosphate metabolism of cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]

**Protein Pathways:** Oxidative phosphorylation

**Product images:**

