

## Product datasheet for AR51591PU-N

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

CN: techsupport@origene.cn

OriGene Technologies, Inc.

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

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** PPA2 (33-334, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

**Expression cDNA Clone** 

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSALYHTEE RGQPCSQNYR LFFKNVTGHY ISPFHDIPLK VNSKEENGIP MKKARNDEYE NLFNMIVEIP RWTNAKMEIA TKEPMNPIKQ YVKDGKLRYV

ANIFPYKGYI WNYGTLPQTW EDPHEKDKST NCFGDNDPID VCEIGSKILS CGEVIHVKIL GILALIDEGE

TDWKLIAINA NDPEASKFHD IDDVKKFKPG YLEATLNWFR LYKVPDGKPE NQFAFNGEFK NKAFALEVIK STHQCWKALL MKKCNGGAIN CTNVQISDSP FRCTQEEARS LVESVSSSPN

KESNEEEQVW 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: NP 008834

 Locus ID:
 27068

 UniProt ID:
 Q9H2U2

 Cytogenetics:
 4q24





Synonyms: HSPC124; SCFAI; SCFI; SID6-306

**Summary:** The protein encoded by this gene is localized to the mitochondrion, is highly similar to

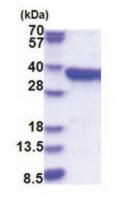
members of the inorganic pyrophosphatase (PPase) family, and contains the signature sequence essential for the catalytic activity of PPase. PPases catalyze the hydrolysis of pyrophosphate to inorganic phosphate, which is important for the phosphate metabolism of

cells. Alternate transcriptional splice variants, encoding different isoforms, have been

characterized. [provided by RefSeq, Jul 2008]

**Protein Pathways:** Oxidative phosphorylation

## **Product images:**



15% SDS-PAGE (3ug)