

Recombinant Human PPA1 protein, His-tagged

Cat. No. PPA1-3442H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPA1 protein(1-289 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-289 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

Official Symbol	PPA1
Synonyms	PPA1; pyrophosphatase (inorganic) 1; PP, pyrophosphatase (inorganic); inorganic pyrophosphatase; cytosolic inorganic pyrophosphatase; inorganic pyrophosphatase

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

1; IOPPP; PP1; Ppase; pyrophosphate phospho hydrolase; SID6 8061; PPase; pyrophosphatase 1; inorganic diphosphatase; diphosphate phosphohydrolase; pyrophosphate phospho-hydrolase; PP; SID6-8061; MGC111556;

Gene ID [5464](#)

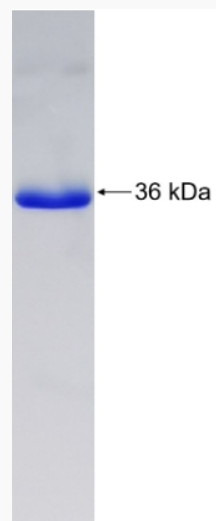
mRNA Refseq [NM_021129](#)

Protein Refseq [NP_066952](#)

MIM [179030](#)

UniProt ID [Q15181](#)

SDS-PAGE



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