

# Product datasheet for AR50222PU-S

### Pyrophosphatase 1 / PPA1 (1-289, His-tag) Human Protein

### **Product data:**

Product Type:	Recombinant Proteins
Description:	Pyrophosphatase 1 / PPA1 (1-289, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMSGFST EERAAPFSLE YRVFLKNEKG QYISPFHDIP IYADKDVFHM VVEVPRWSNA KMEIATKDPL NPIKQDVKKG KLRYVANLFP YKGYIWNYGA IPQTWEDPGH NDKHTGCCGD NDPIDVCEIG SKVCARGEII GVKVLGILAM IDEGETDWKV IAINVDDPDA ANYNDINDVK RLKPGYLEAT VDWFRRYKVP DGKPENEFAF NAEFKDKDFA IDIIKSTHDH WKALVTKKTN GKGISCMNTT LSESPFKCDP DAARAIVDAL PPPCESACTV PTDVDKWFHH QKN
Tag:	His-tag
Predicted MW:	35.2 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified
bunct.	State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 20% glycerol, 200 mM NaCl
Preparation:	State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 20% glycerol, 200 mM
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Preparation: Protein Description:	<ul> <li>State: Liquid purified protein</li> <li>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 20% glycerol, 200 mM NaCl</li> <li>Liquid purified protein</li> <li>Recombinant human PPA1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.</li> <li>Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.</li> </ul>
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Preparation: Protein Description: Storage: Stability:	<ul> <li>State: Liquid purified protein</li> <li>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 20% glycerol, 200 mM NaCl</li> <li>Liquid purified protein</li> <li>Recombinant human PPA1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.</li> <li>Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.</li> <li>Avoid repeated freezing and thawing.</li> <li>Shelf life: one year from despatch.</li> </ul>
Preparation: Protein Description: Storage: Stability: RefSeq:	<ul> <li>State: Liquid purified protein</li> <li>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 20% glycerol, 200 mM NaCl</li> <li>Liquid purified protein</li> <li>Recombinant human PPA1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.</li> <li>Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.</li> <li>Avoid repeated freezing and thawing.</li> <li>Shelf life: one year from despatch.</li> <li>NP 066952</li> </ul>



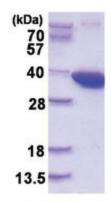
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	Pyrophosphatase 1 / PPA1 (1-289, His-tag) Human Protein – AR50222PU-S
Synonyms:	HEL-S-66p; IOPPP; PP; PP1; SID6-8061
Summary:	The protein encoded by this gene is a member of the inorganic pyrophosphatase (PPase) family. PPases catalyze the hydrolysis of pyrophosphate to inorganic phosphate, which is important for the phosphate metabolism of cells. Studies of a similar protein in bovine suggested a cytoplasmic localization of this enzyme. [provided by RefSeq, Jul 2008]
Protein Families:	ES Cell Differentiation/IPS
Protein Pathway	s: Oxidative phosphorylation

# Product images:



15% SDS-PAGE (3ug)

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