

Product datasheet for AR50222PU-N

OriGene Technologies, Inc.

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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, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

IYADKDVFHM VVEVPRWSNA KMEIATKDPL NPIKQDVKKG KLRYVANLFP YKGYIWNYGA IPQTWEDPGH NDKHTGCCGD NDPIDVCEIG SKVCARGEII GVKVLGILAM IDEGETDWKV IAINVDDPDA ANYNDINDVK RLKPGYLEAT VDWFRRYKVP DGKPENEFAF NAEFKDKDFA IDIIKSTHDH WKALVTKKTN GKGISCMNTT LSESPFKCDP DAARAIVDAL PPPCESACTV

MGSSHHHHHH SSGLVPRGSH MGSHMSGFST EERAAPFSLE YRVFLKNEKG QYISPFHDIP

PTDVDKWFHH QKN

Tag: His-tag
Predicted MW: 35.2 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 2 mM DTT, 20% glycerol, 200 mM

NaCl

Preparation: Liquid purified protein

Protein Description: Recombinant human PPA1 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: <u>NP 066952</u>

Locus ID: 5464

UniProt ID: <u>Q15181</u>, <u>V9HWB5</u>

Cytogenetics: 10q22.1



Pyrophosphatase 1 / PPA1 (1-289, His-tag) Human Protein – AR50222PU-N

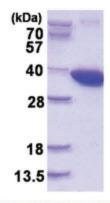
Synonyms: HEL-S-66p; IOPPP; PP; PP1; SID6-8061

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 Pathways: Oxidative phosphorylation

Product images:



15% SDS-PAGE (3ug)