

## Product datasheet for **AR09868PU-N**

### Acylphosphatase 1 / ACYP1 (1-99, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Acylphosphatase 1 / ACYP1 (1-99, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSMAEGNTL</u> ISVDYEIFGK VQGVFFRKHT QAEGKKLGLV GWVQNTDRGT VQGQLQGPIS KVRHMQEWLE TRGSPKSHID KANFNNEKVI LKLDYSDFQI VK
Tag:	His-tag
Predicted MW:	13.6 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ACYP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001098</u>
Locus ID:	97
UniProt ID:	<u>P07311</u>
Cytogenetics:	14q24.3
Synonyms:	ACYPE



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**Summary:**

This gene is a member of the acylphosphatase family. The encoded protein is a small cytosolic enzyme that catalyzes the hydrolysis of the carboxyl-phosphate bond of acylphosphates. Two isoenzymes have been isolated and described based on their tissue localization: erythrocyte (common) type acylphosphatase encoded by this gene, and muscle type acylphosphatase. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]

**Protein Pathways:**

Pyruvate metabolism

**Product images:**