

## Product datasheet for PH307110

### ACYP1 (NM\_001107) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ACYP1 MS Standard C13 and N15-labeled recombinant protein (NP_001098)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207110
Predicted MW:	11.3 kDa
Protein Sequence:	>RC207110 protein sequence Red=Cloning site Green=Tags(s)  MAEGNTLISVDYEIFGKVGQVFFRKHTQAEGKGLVGVWVQNTDRGTVQGGQLQGPISKVRHMQEWLETRG SPKSHIDKANFNNEKVILKLDYSDFQIVK  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001098</a>
RefSeq Size:	621
RefSeq ORF:	297
Synonyms:	ACYPE
Locus ID:	97
UniProt ID:	<a href="#">P07311</a>
Cytogenetics:	14q24.3



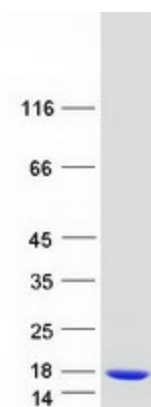
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**Summary:**

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:**

Coomassie blue staining of purified ACYP1 protein (Cat# [TP307110]). The protein was produced from HEK293T cells transfected with ACYP1 cDNA clone (Cat# [RC207110]) using MegaTran 2.0 (Cat# [TT210002]).