

## Product datasheet for **TP307110L**

### ACYP1 (NM\_001107) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human acylphosphatase 1, erythrocyte (common) type (ACYP1), transcript variant 1, 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC207110 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAEGNTLISVDYEIFGKVQGVFFRKHTQAEGKKLGLVGWVQNTDRGTVQGQLQGPISKVRHMQEWLETRG  
SPKSHIDKANFNNEKVIKLDYSDFQIVK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 11.1 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_001098](#)

**Locus ID:** 97

**UniProt ID:** [P07311](#)

**RefSeq Size:** 621



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Cytogenetics: 14q24.3

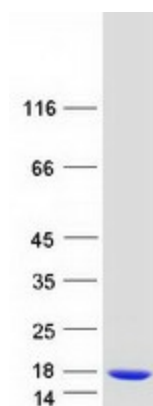
RefSeq ORF: 297

Synonyms: ACYPE

**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]).