

Product datasheet for **TP307110**

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, 20 µg

Species: Human

Expression Host: HEK293T

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

MAEGNTLISVDYEIFGKVQGVFFRKHTQAEGKKLGLVGWVQNTDRGTVQGQLQGPISKVRHMQEWLETRG
SPKSHIDKANFNNEKVIKLDYSDFQIVK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

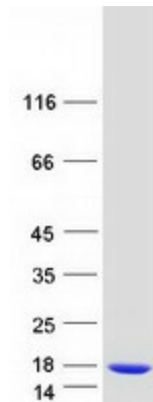
RefSeq ORF: 297

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]).