

## Datasheet for ABIN7317357 **ACYP1 Protein (GST tag)**

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### Overview

Quantity:	100 µg
Target:	ACYP1 (Acyp1)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACYP1 protein is labelled with GST tag.

### Product Details

Purpose:	Recombinant Human ACYP1 Protein (GST Tag)
Sequence:	Ala 2-Lys 99
Characteristics:	A DNA sequence encoding the human ACYP1 (P07311) (Ala 2-Lys 99) was fused with the GST tag at the N-terminus.
Purity:	> 92 % as determined by reducing SDS-PAGE.

### Target Details

Target:	ACYP1 (Acyp1)
Alternative Name:	ACYP1 ( <a href="#">Acyp1 Products</a> )
Background:	Background: ACYP1, also known as Acylphosphatase-1, Acylphosphatase, erythrocyte isozyme, Acylphosphatase, organ-common type isozyme, Acylphosphate phosphohydrolase 1 and ACYPE, is a small cytosolic enzyme which catalyzes the hydrolysis of the carboxyl-phosphate bond of acylphosphates. ACYP1 is a protein which belongs to the acylphosphatase family and

## Target Details

contains 1 fibrinogen C-terminal domain. Two isoenzymes have been isolated, called muscle acylphosphatase and erythrocyte acylphosphatase, on the basis of their tissue localization. This gene encodes the erythrocyte acylphosphatase isoenzyme. Alternatively spliced transcript variants that encode different proteins were identified through data analysis. Recombinant human ACYP1 protein was expressed in E. coli fused with HIS-tag at N-terminus.

Synonym: Acylphosphatase-1,ACYP1,Acylphosphatase, erythrocyte isozyme,Acylphosphatase, organ-common type isozyme,Acylphosphate phosphohydrolase 1,ACYPE

Molecular Weight: 38 kDa

UniProt: [P07311](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 20 mM Tris, 0.15M NaCl, 0.5 mM GSH, pH 8.0

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.