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## Datasheet for ABIN7319277

## **ACYP1 Protein (His tag)**

#### Overview

Quantity:	50 µg
Target:	ACYP1 (Acyp1)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACYP1 protein is labelled with His tag.

#### **Product Details**

Purpose:	Recombinant Human ACYP1 Protein (His Tag)
Sequence:	Met 1-Lys99
Characteristics:	Recombinant Human Acylphosphate phosphohydrolase 1 is produced by our E.coli expression system and the target gene encoding Met1-Lys99 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	ACYP1 (Acyp1)
Alternative Name:	ACYP1 (Acyp1 Products)
Background:	Background: ACYP1, also known as Acylphosphatase-1, Acylphosphatase, erythrocyte isozyme,
	Acylphosphatase, organ-common type isozyme, Acylphosphate phosphohydrolase 1 and

#### **Target Details**

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 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:

13.4 kDa

UniProt:

P07311

#### **Application Details**

Restrictions:

For Research Use only

#### Handling

Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 $\mu$ m filtered solution of 20 mM Tris,100 mM NaCl,20 % Glycerol,1 mM DTT, pH 8.0.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.