

Product Name: Recombinant Human ACYP1 (N-6His)
Catalog #: PEH0019

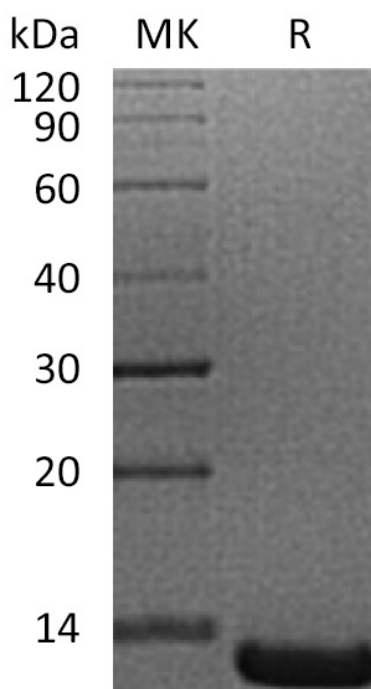


Summary

Name	ACYP1/Acylphosphatase-1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	P07311
Host	E.coli
Species	Human
Predicted Molecular Mass	13.42 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 20% Glycerol, 1mM DTT, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

Acylphosphatase-1; ACYP1; Acylphosphatase; erythrocyte isozyme; Acylphosphatase; organ-common type isozyme; Acylphosphate phosphohydrolase 1; ACYPE

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 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.

Note

For Research Use Only , Not for Diagnostic Use.