

Recombinant Human Acylphosphate phosphohydrolase 1 Protein

Cat.NO.: TP04668

3th Edition

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

Description: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.

Form:PBS

Molecular Weight:13.4 kDa

Sequences:Met 1-Lys99

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.