

32-8381: Recombinant Human Acylphosphate Phosphohydrolase 1/ACYP1 (N-6His)

Gene : ACYP1
Gene ID : 97
Uniprot ID : P07311

Description

Source: E.coli.
MW :13.42kD.

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. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM Tris, 100mM NaCl, 20% Glycerol, 1mM DTT, pH8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MGSSHHHHHSSGLVPRGSHMAEGNTLISVDYEIFGKVQGVFFRKHTQAEGKKLGLVGWVQNTDRGTVQGG
LQGPISKVRHMQEWLETRGSPKSHIDKANFNNEKVLKLDYSDFQIVK

Application Note

Endotoxin : Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.