

32-2117: ACYP1 Recombinant Protein

Alternative Name Acylphosphatase-1, Acylphosphatase, erythrocyte isozyme, Acylphosphatase, organ-common type isozyme, Acylphosphate phosphohydrolase 1, ACYP1, ACYPE.

Description

Source : Escherichia Coli. ACYP1 Human Recombinant fused with a 23 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 122 amino acids (1-99 a.a.) and having a molecular mass of 13.6kDa. The ACYP1 is purified by proprietary chromatographic techniques. Erythrocyte acylphosphatase (ACYP1) is a cytosolic enzyme which catalyzes the hydrolysis of the carboxyl-phosphate bond of acylphosphates. There are two acylphosphatase isoenzymes: ACYP1 and ACYP2. These isoenzymes share 60% homology and have the same substrate specificity, even though ACYP1 has a higher catalytic activity than ACYP2.

Product Info

| | |
|----------------------------|---|
| Amount : | 20 µg |
| Purification : | Greater than 90.0% as determined by SDS-PAGE. |
| Content : | The ACYP1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT. |
| Storage condition : | ACYP1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles. |
| Amino Acid : | MGSSHHHHHH SSSLVPRGSH MGSM AEGNTL ISVDYEIFGK VQGVFFRKHT QAEGKKLGLV GWVQNTDRGT VQQLQGPIS KVRHMQEWLE TRGSPKSHID KANFNNEKVI LKLDYSDFQI VK. |

