

Recombinant Human ACYP1 Protein (His Tag)

Catalog Number:PKSH033326



Note: Centrifuge before opening to ensure complete recovery of vial contents.

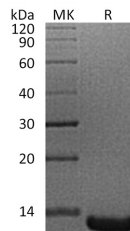
Description

Synonyms	Acylphosphatase-1;ACYP1;Acylphosphatase;erythrocyte isozyme;Acylphosphatase;organ-common type isozyme;Acylphosphate phosphohydrolase 1;ACYPE
Species	Human
Expression Host	E.coli
Sequence	Met 1-Lys99
Accession	P07311
Calculated Molecular Weight	13.4 kDa
Observed molecular weight	14 kDa
Tag	N-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 100mM NaCl, 20% Glycerol, 1mM DTT, pH 8.0.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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