

Recombinant Human ACYP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ACYP1-2929H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ACYP1 MS Standard C13 and N15-labeled recombinant protein (NP_001098) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is a member of the acylphosphatase family. The encoded protein is a small cytosolic enzyme that catalyzes the hydrolysis of the carboxyl-phosphate bond of acylphosphates. Two isoenzymes have been isolated and described based on their tissue localization: erythrocyte (common) type acylphosphatase encoded by this gene, and muscle type acylphosphatase. Alternative splicing results in multiple transcript variants.
Molecular Mass	11.3 kDa
AA Sequence	MAEGNTLISVDYEIFGKVQGVFFRKHTQAEGKKLGLVGWVQNTDRGTVQGQLQGPI SKVRHMQEWLETRGSPKSHIDKANFNNEKVILKLDYSDFQIVKTRTRPLEQKLISEED LAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

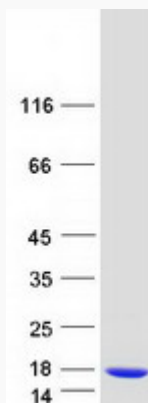
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	ACYP1 acylphosphatase 1 [Homo sapiens (human)]
Official Symbol	ACYP1
Synonyms	ACYP1; acylphosphatase 1, erythrocyte (common) type; acylphosphatase-1; acylphosphate phosphohydrolase 1; acylphosphatase, erythrocyte isozyme; acylphosphatase, organ-common type isozyme; ACYPE;
Gene ID	97
mRNA Refseq	NM_001107
Protein Refseq	NP_001098
MIM	600875
UniProt ID	P07311

SDS-PAGE



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