



# Recombinant Human Acylphosphatase-1 (ACYP1)

<b>Product Code</b>	CSB-EP001265HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P07311
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AEGNTLISV DYEIFGKVQG VFFRKHTQAE GKKLGLVGWV QNTDRGTVQG QLQGPISKVR HMQEWLETRG SPKSHIDKAN FNNEKVILKL DYSDFAQIVK
<b>Source</b>	E.coli
<b>Target Names</b>	ACYP1
<b>Protein Names</b>	Recommended name: Acylphosphatase-1 EC= 3.6.1.7 Alternative name(s): Acylphosphatase, erythrocyte isozyme Acylphosphatase, organ-common type isozyme Acylphosphate phosphohydrolase 1
<b>Expression Region</b>	2-99
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	Acylphosphatase is a small cytosolic enzyme that catalyzes the hydrolysis of the carboxyl-phosphate bond of acylphosphates. 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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.