

Recombinant Human ACP1 protein

Cat. No. ACP1-2477H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACP1 protein(P24666)(1-158aa), fused to Tag-Free, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-158aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	18 kDa
AA Sequence	MAEQATKSVLFLVCLGNICRSPIAEAVFRKLVTDQNIENWRVDSAATSGYEIGNPPD YRGQSCMKRHHGIPMSHVARQITKEDFATFDYILCMDESNLRLDLNRKSNQVKTKAKI ELLGSYDPQKQLIIEDPYYGNDSDFFETVYQQCVRCCRAFLEKAH
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

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.

GENE INFORMATION

Gene Name [ACP1 acid phosphatase 1, soluble \[Homo sapiens \]](#)

Official Symbol [ACP1](#)

Synonyms

ACP1; acid phosphatase 1, soluble; low molecular weight phosphotyrosine protein phosphatase; LMW-PTP; LMW-PTPase; adipocyte acid phosphatase; red cell acid phosphatase 1; protein tyrosine phosphatase; acid phosphatase of erythrocyte; cytoplasmic phosphotyrosyl protein phosphatase; low molecular weight cytosolic acid phosphatase; HAAP; MGC3499; MGC111030;

Gene ID [52](#)

mRNA Refseq [NM_001040649](#)

Protein Refseq [NP_001035739](#)

MIM [171500](#)

UniProt ID [P24666](#)

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