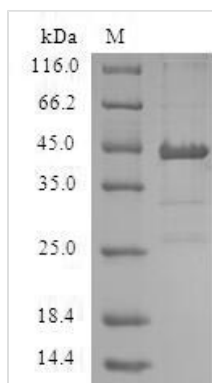




Recombinant Human Low molecular weight phosphotyrosine protein phosphatase (ACP1)

Product Code	CSB-EP001176HU
Relevance	Acts on tyrosine phosphorylated proteins, low-MW aryl phosphates and natural and synthetic acyl phosphates. Isoform 3 does not possess phosphatase activity.
Abbreviation	Recombinant Human ACP1 protein
Storage	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.
Uniprot No.	P24666
Alias	Adipocyte acid phosphatase Low molecular weight cytosolic acid phosphatase (EC:3.1.3.2) Red cell acid phosphatase 1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MAEQATKSVLFVCLGNICRSPIAEAVFRKLVTQNISENWRVDSAATSGYEIGN PPDYRGQSCMKRHGIPMSHVARQITKEDFATFDYILCMDESNLRDLNRKSNQ VKTCKAKIELLSYDPQKQLIIEDPYYGNDSDFETVYQQCVRCCRAFLEKAH
Research Area	Cell Biology
Source	E.coli
Target Names	ACP1
Protein Names	Recommended name: Low molecular weight phosphotyrosine protein phosphatase Short name= LMW-PTP Short name= LMW-PTPase EC= 3.1.3.48 Alternative name(s): Adipocyte acid phosphatase Low molecular weight cytosolic acid phosphatase
Expression Region	1-158aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	45.0kDa
Protein Length	Full Length of Isoform 1
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

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.

Shelf Life

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