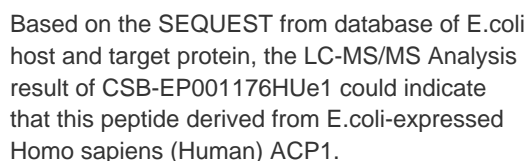
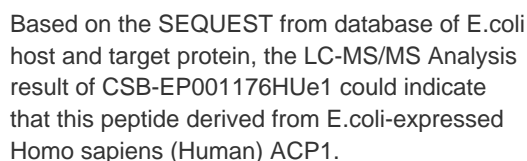
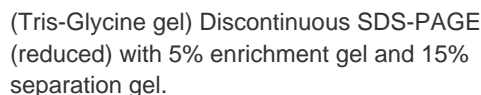




Recombinant Human Low molecular weight phosphotyrosine protein phosphatase (ACP1)

Product Code	CSB-EP001176HUe1
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
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MAEQATKSVLFLVCLGNICRSPIAEAVFRKLVTQDNISENWRVDSAATSGYEIGN PPDYRGQSCMKRHGIPMSHVARQITKEDFATFDYILCMDESNLRDLNRKSNQ VKTCKAKIELLGSYDPQKQLIIEDPYYGNDSDFETVYQQCVRCCRAFLEKAH
Research Area	Cell Biology
Source	E.coli
Target Names	ACP1
Protein Names	Adipocyte acid phosphatase Low molecular weight cytosolic acid phosphatase (EC:3.1.3.2) Red cell acid phosphatase 1
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	Tag-Free
Mol. Weight	18.0 kDa
Protein Length	Full Length
Image	



This recombinant human ACP1 can be used in various cell biology applications due to its ability to dephosphorylate tyrosine residues on proteins. Researchers can utilize the recombinant human ACP1 to study the functional consequences of its activity on specific target proteins. By adding the purified recombinant human ACP1 to in vitro systems or introducing it into cells, researchers can investigate the impact of dephosphorylation on signaling events, protein-protein interactions, and downstream cellular responses.

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