

Active Recombinant Human ACP6, His-tagged

Cat. No. ACP6-449H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACP6 (Accession # BAA91310) Glu33-Glu428, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	33-428 a.a.
Predicted N Terminal	Glu33
Form	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to cleave a substrate, p-Nitrophenyl phosphate (pNPP). The specific activity is >1800 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Human ACP6, His-tagged has a calculated MW of 46 kDa. In SDS-PAGE migrates as 43-45 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	ACP6 acid phosphatase 6, lysophosphatidic [Homo sapiens]
Official Symbol	ACP6
Synonyms	ACP6; acid phosphatase 6, lysophosphatidic; lysophosphatidic acid phosphatase type 6; ACPL1; LPAP; acid phosphatase like 1; acid phosphatase-like protein 1; PACPL1;
Gene ID	51205
mRNA Refseq	NM_016361
Protein Refseq	NP_057445
MIM	611471
UniProt ID	Q9NPH0
Chromosome Location	1q21

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