

Recombinant Human ACP6 protein, His & T7-tagged

Cat. No. ACP6-7854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACP6 aa. (Met1~Glu428 (Accession # Q9NPH0)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Glu428
Description	This gene encodes a member of the histidine acid phosphatase protein family. The encoded protein hydrolyzes lysophosphatidic acid, which is involved in G protein-coupled receptor signaling, lipid raft modulation, and in balancing lipid composition within the cell. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 52.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 6.
Applications	SDS-PAGE; WB; ELISA; IP

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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

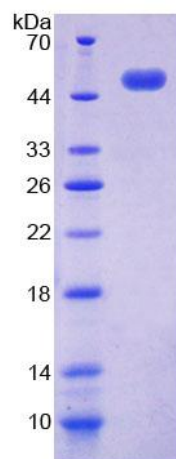
Gene Name	ACP6 acid phosphatase 6, lysophosphatidic [Homo sapiens (human)]
Official Symbol	ACP6
Synonyms	ACP6; acid phosphatase 6, lysophosphatidic; LPAP; ACPL1; PACPL1; lysophosphatidic acid phosphatase type 6; acid phosphatase-like protein 1
Gene ID	51205
mRNA Refseq	NM_016361.4
Protein Refseq	NP_057445.4
UniProt ID	Q9NPH0

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SDS-PAGE



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