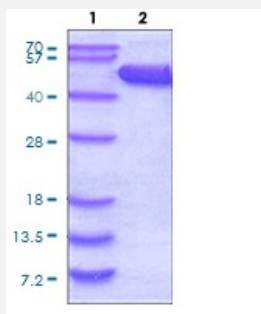


Bioactive

ACP6 (Human) Recombinant Protein

Catalog # P7931 Size 100 ug

Applications



Specification

Product Description

Human ACP6 (Q9NPH0, 33 a.a. - 428 a.a.) partial length recombinant protein with His tag expressed in *Escherichia coli*.

Sequence

LQEADGQCPVDRSLLKLKMQVVFRHGARSPLKPLPLEEQVEWNPQLLEVPPQTQFDYTVTNL
AGGPKPYSPYDSQYHETTLKGGMFAGQLTKVGMQQMFALGERLRKNYVEDIPFLSPTFNPQEVFI
RSTNIFRNLESTRCLLAGLFQCQKEGPIIIHTDEADSEVLYPNYQSCWSLRQRTRGRRQTASLQPGI
SEDLKKVKDRMGIDSSDKVDFFILLDNVAAEQAHNLPSCPMLKRFARMIEQRAVDTSYLILPKEDR
ESLQMAVGPFHLHIESNLLKAMDSATAPDKIRKLYLYAAHDVTFIPLMLTLGIFDHKWPPFAVDLTM
ELYQHLESKEWFVQLYYHGKEQVPRGCPDGLCPDMLFNAMSVYTLSPKEYHALCSQTQVMEV
GNEE

Host

Escherichia coli

Theoretical MW (kDa)

47.7

Form

Liquid

Preparation Method

Escherichia coli expression system

Purity

> 95% by SDS-PAGE

Activity

Specific activity is > 1000 unit/mg, and is defined as the amount of enzyme that hydrolyze 1.0 nmole of p-nitrophenyl phosphate (pNPP) per minute at pH 5.0 at 37°C.

Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In Phosphate-Buffer Saline pH 7.4 (30% glycerol, 1 mM DTT)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — ACP6

Entrez GeneID	51205
Protein Accession#	Q9NPH0
Gene Name	ACP6
Gene Alias	ACPL1, LPAP, PACPL1
Gene Description	acid phosphatase 6, lysophosphatidic
Omim ID	611471
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000015904 acid phosphatase like 1 lysophosphatidic acid phosphatase

Pathway

- [gamma-Hexachlorocyclohexane degradation](#)
- [Riboflavin metabolism](#)