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Datasheet for ABIN7317605 ACPL2 Protein (His tag)

Overview

Quantity:	100 µg
Target:	ACPL2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACPL2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human ACPL2 Protein (His Tag)
Sequence:	Met 1-Phe 480
Characteristics:	A DNA sequence encoding the human ACPL2 (NP_689495.1) (Met 1-Phe 480) precursor was fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ACPL2
Alternative Name:	ACPL2 (ACPL2 Products)
Background:	Background: acid phosphatase-like protein 2, also known as ACPL2, is a secreted protein which belongs to the histidine acid phosphatase family. A large-scale effort, termed the Secreted Protein Discovery Initiative (SPDI), was undertaken to identify novel secreted and

Target Details

transmembrane proteins. In the first of several approaches, a biological signal sequence trap in yeast cells was utilized to identify cDNA clones encoding putative secreted proteins. A second strategy utilized various algorithms that recognize features such as the hydrophobic properties of signal sequences to identify putative proteins encoded by expressed sequence tags (ESTs) from human cDNA libraries. A third approach surveyed ESTs for protein sequence similarity to a set of known receptors and their ligands with the BLAST algorithm. Finally, both signal-sequence prediction algorithms and BLAST were used to identify single exons of potential genes from within human genomic sequence.

Synonym: ACPL2;FLJ23751;UNQ370/PRO706

Molecular Weight: 54 kDa

NCBI Accession: [NP_689495](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.