

Datasheet for ABIN7319369
Acyp2 Protein (GST tag)



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Overview

Quantity:	50 µg
Target:	Acyp2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Acyp2 protein is labelled with GST tag.

Product Details

Purpose:	Recombinant Human ACYP2 Protein (GST Tag)
Sequence:	Ser2-Tyr99
Characteristics:	Recombinant Human Acylphosphate phosphohydrolase 2 is produced by our E.coli expression system and the target gene encoding Ser2-Tyr99 is expressed with a GST tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Acyp2
Alternative Name:	ACYP2 (Acyp2 Products)
Background:	Background: ACYP2, also known as Acylphosphatase-2, is a protein which belongs to the acylphosphatase family. ACYP2 contains one acylphosphatase-like domain. ACYP2 plays an

Target Details

important role in hydrolyzing the phosphoenzyme intermediate of different membrane pumps, particularly the Ca²⁺/Mg²⁺-ATPase from sarcoplasmic reticulum of skeletal muscle. Two isoenzymes have been isolated, called muscle acylphosphatase and erythrocyte acylphosphatase on the basis of their tissue localization. This gene encodes the muscle-type isoform (MT). An increase of the MT isoform is associated with muscle differentiation. Synonym: Acylphosphatase-2,ACYP2,Acylphosphatase, muscle type isozyme,Acylphosphate phosphohydrolase 2,ACYP,ACYM

Molecular Weight: 37.4 kDa

UniProt: [P14621](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.