

Recombinant Full Length Human ACYP2 Protein, GST-tagged

Cat. No. ACYP2-839HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACYP2 full-length ORF (AAH12290, 1 a.a. - 99 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	99 amino acids
Description	Acylphosphatase can hydrolyze the phosphoenzyme intermediate of different membrane pumps, particularly the Ca ²⁺ /Mg ²⁺ -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. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2016]
Molecular Mass	36.63 kDa
AA Sequence	MSTAQSLKSV DYEVFGRVQG VCFRMYTEDE ARKIGVVGWV KNTSKGTVTG QVQGPEDKVN SMKSWLSKVG SPSSRIDRTN FSNEKTISKL EYSNFSIRY
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ACYP2 acylphosphatase 2, muscle type [Homo sapiens]
Official Symbol	ACYP2
Synonyms	ACYP2; acylphosphatase 2, muscle type; acylphosphatase-2; acylphosphate phosphohydrolase 2; acylphosphatase, muscle type isozyme; ACYM; ACYP
Gene ID	98
mRNA Refseq	NM_138448
Protein Refseq	NP_612457
MIM	102595
UniProt ID	P14621

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