Datasheet for ABIN2714302
ACADVL Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)

1	Image

Go to Product page

Overview

Quantity:	20 µg
Target:	ACADVL
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACADVL protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human ACADVL (transcript variant 2) protein expressed in HEK293 cells. • Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	ACADVL
Alternative Name:	Acadvl (ACADVL Products)
Background:	The protein encoded by this gene is targeted to the inner mitochondrial membrane where it catalyzes the first step of the mitochondrial fatty acid beta-oxidation pathway. This acyl-Coenzyme A dehydrogenase is specific to long-chain and very-long-chain fatty acids. A deficiency in this gene product reduces myocardial fatty acid beta-oxidation and is associated

Target Details

with cardiomyopathy. Alternative splicing results in multiple transcript variants encoding different isoforms.

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Molecular Weight:	63.8 kDa
NCBI Accession:	NP_001029031
Pathways:	ER-Nucleus Signaling, Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images
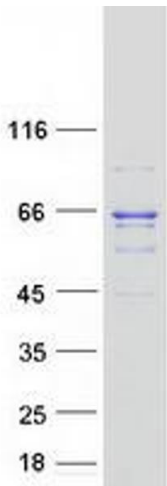
Western Blotting

Image 1. Validation with Western Blot