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Datasheet for ABIN7423168

Acyl-CoA Dehydrogenase, C-4 To C-12 Straight Chain (ACADM) (AA 191-421) protein (His tag)

Overview

Quantity:	100 µg
Target:	Acyl-CoA Dehydrogenase, C-4 To C-12 Straight Chain (ACADM)
Protein Characteristics:	AA 191-421
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), Positive Control (PC)

Product Details

Sequence:	Trp191-Asn421
Characteristics:	Recombinant Acyl Coenzyme A Dehydrogenase, C4-To-C12 Straight Chain (ACADM), Prokaryotic expression, Trp191-Asn421, N-terminal His Tag
Purity:	> 95 %

Target Details

Target:	Acyl-CoA Dehydrogenase, C-4 To C-12 Straight Chain (ACADM)
Alternative Name:	Acyl Coenzyme A Dehydrogenase, C4-To-C12 Straight Chain (ACADM Products)
Background:	MCAD, MCADH, ACAD1, Medium-chain specific acyl-CoA dehydrogenase, mitochondrial
Molecular Weight:	29kDa

Target Details

UniProt:	P11310
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Cellular Glucan Metabolic Process , Regulation of Carbohydrate Metabolic Process , Monocarboxylic Acid Catabolic Process , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Isoelectric Point:9
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Expiry Date:	12 months