

ACADS 抗原（重组蛋白）

中文名称：ACADS 抗原（重组蛋白）

英文名称：ACADS Antigen (Recombinant Protein)

别名：Acyl-CoA dehydrogenase, C-2 to C-3 short chain; SCAD; ACAD3

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 250 amino acids of human ACADS

技术规格：

Full name:	Acyl-CoA dehydrogenase, C-2 to C-3 short chain
Synonyms:	SCAD; ACAD3
Swissprot:	P16219
Gene Accession:	BC025963
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a tetrameric mitochondrial flavoprotein, which is a member of the acyl-CoA dehydrogenase family. This enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Mutations in this gene have been associated with Short Chain Acyl-CoA Dehydrogenase Deficiency. It is an autosomal recessive disorder resulting in acute acidosis and muscle weakness in infants, and a form of lipid-storage myopathy in adults.

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