

Recombinant Human ACADS

Catalog No: #GP10925



Package Size: #GP10925-1 100ug

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Description

Product Name	Recombinant Human ACADS
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human acyl-CoA dehydrogenase, C-2 to C-3 short chain
Target Name	Acyl-CoA dehydrogenase, C-2 to C-3 short chain
Other Names	SCAD; ACAD3
Accession No.	Swissprot:P16219Gene Accession:BC025963
Uniprot	P16219
GeneID	35;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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