

Recombinant Human ACADS/SCAD protein ab95383

1 Image

Description	
Product name	Recombinant Human ACADS/SCAD protein
Purity	> 95 % SDS-PAGE. ab95383 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSSLVPRGSH MLHTIYQSVE LPETHQMLLQ TCRDFAEKEL FPAAQVDKE HLPAAQVKK MGGLGLLAMD VPEELGGAGL DYLAYAIAME EISRGCASTG VIMSVNNSLY LGPILKFGSK EQKQAWVTPF TSGDKIGCFA LSEPGNGSDA GAASTTARAE GDSWVLNGTK AWITNAWEAS AAVVFASDTR ALQNKSISAF LVPMPPTGLT LGKKEDKLG I RGSSTANLIF EDCRIPKDSI LGEPGMGFKI AMQTLDMGRI GIASQALGIA QTALDCAVNY AENRMAFGAP LTKLQVIQFK LADMALALES ARLLTWRAAM LKDNKKPFIK EAAMAKLAAS EAATAISHQA IQILGGMGYV TEMPAERHYR DARITEYEG TSEIQLVIA GHLLRSYRS

Specifications	
Our Abpromise guarantee covers the use of ab95383 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	Mass Spectrometry SDS-PAGE
Form	Liquid
Additional notes	Previously labelled as ACADS.

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

Pathway

Lipid metabolism; mitochondrial fatty acid beta-oxidation.

Involvement in disease

Defects in ACADS are the cause of acyl-CoA dehydrogenase short-chain deficiency (ACADSD) [MIM:201470]. It is an autosomal recessive disorder resulting in acute acidosis and muscle weakness in infants, and a form of lipid-storage myopathy in adults.

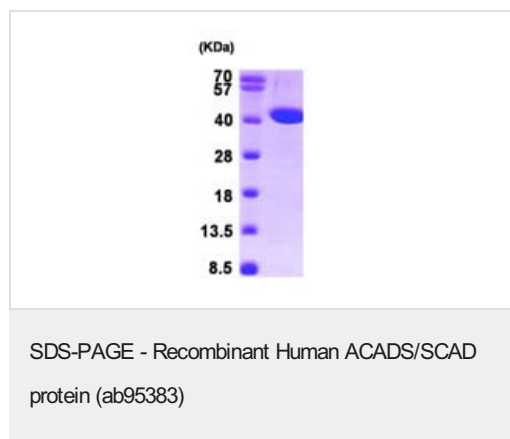
Sequence similarities

Belongs to the acyl-CoA dehydrogenase family.

Cellular localization

Mitochondrion matrix.

Images



15% SDS-PAGE analysis of 3µg ab95383.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors