

## Product datasheet

# Recombinant Human ACAA2 protein ab140734

1 Image

### Description

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<b>Product name</b>	Recombinant Human ACAA2 protein
<b>Purity</b>	> 85 % SDS-PAGE. ab140734 was purified using conventional chromatography techniques.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>P42765</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MGSSHHHHHHSSGLVPRGSHMGSGAYGLLKDFATD LSEFAAKAALSA GKVSPETVDSVIMGNVLQSSSDAIIARHVGLRVGIPKETP ALTINRLCG SGFQSMNGCQEICVKEAEVVLCCGGTESMSQAPYCVRN RFGTKLGSDIK LEDLWVSLTDQHVQLPMAMTAENLAVKHKISREECDKY ALQSQRWCAA NDAGYFNDEMAPIEVKTKKGGKQTMQVDEHARPQTLEQL QKLPPVFKKDG TVTAGNASGVADGAGAVIASEDAVKKHNFPLARIVGYFV SGCDPSIMG IGPVPAISGALKKAGLSLKDMDLVEVNEAFAPQYLAVERS LDLDISKTNV NGGAIALGHPLGGSGSRITAHLVHELRRRGGKYAVGSACI GGGQGIIVII QSTA
<b>Predicted molecular weight</b>	43 kDa including tags
<b>Amino acids</b>	17 to 397
<b>Tags</b>	His tag N-Terminus

### Specifications

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Our **Abpromise guarantee** covers the use of **ab140734** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE Mass Spectrometry
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid

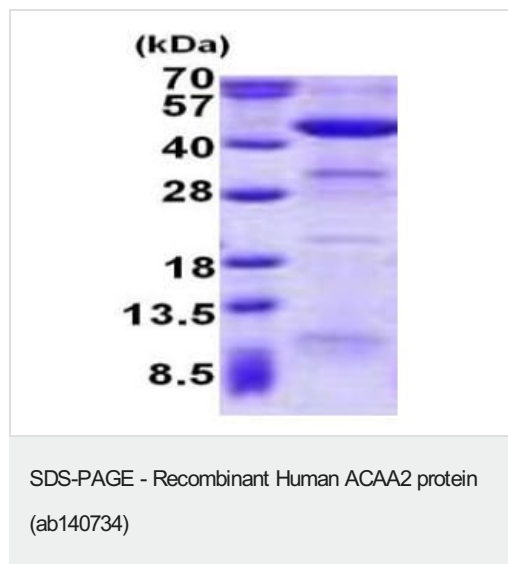
### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.  pH: 8.00 Constituents: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride
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### General Info

<b>Function</b>	Abolishes BNIP3-mediated apoptosis and mitochondrial damage.
<b>Pathway</b>	Lipid metabolism; fatty acid metabolism.
<b>Sequence similarities</b>	Belongs to the thiolase family.
<b>Cellular localization</b>	Mitochondrion. Colocalizes with BNIP3 in the mitochondria.

### Images



15% SDS-PAGE analysis of ab140734 (3 µg).

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

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