

Product datasheet

Recombinant Human Acyl-coenzyme A Thioesterase 8 protein ab160760

[1 Image](#)

Description

Product name	Recombinant Human Acyl-coenzyme A Thioesterase 8 protein
Expression system	Wheat germ
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	SVRSVKAVQHKGKPIFCQASFQQAQPSPMQHQFSMPTVP PPEELDCETL IDQYLRDPNLQKRYPLALNRIAAQEVPIEIKPVNPSPLSQLQ RMEPKQMF WVRARGYI
Amino acids	108 to 215
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab160760** in the following tested applications.

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

Applications	ELISA Western blot
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Function

Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH. May mediate Nef-induced down-regulation of CD4. Major thioesterase in peroxisomes. Competes with BAAT (Bile acid CoA: amino acid N-acyltransferase) for bile acid-CoA substrate (such as chenodeoxycholoyl-CoA). Shows a preference for medium-length fatty acyl-CoAs (By similarity). May be involved in the metabolic regulation of peroxisome proliferation.

Tissue specificity

Detected in a T-cell line (at protein level). Ubiquitous.

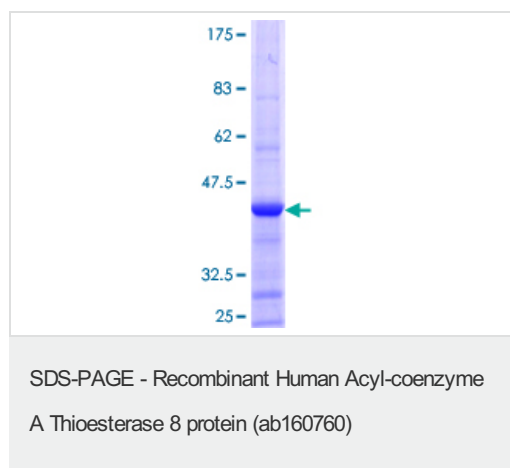
Sequence similarities

Belongs to the C/M/P thioester hydrolase family.

Cellular localization

Peroxisome.

Images



ab160760 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

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