

## Product datasheet

# Recombinant Human THEA protein (denatured) ab174552

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### Description

<b>Product name</b>	Recombinant Human THEA protein (denatured)
<b>Purity</b>	> 90 % SDS-PAGE.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<u><a href="#">Q8WXI4-2</a></u>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSNRTS RKSALRAGND SAMADGEGYR NPTEVQMSQL VLPCHTNQRG ELSVGQLLKW IDTTACLSAE RHAGCPCVTA SMDDIYFEHT ISVGQVVNIK AKVNRAFNSS MEVGIVQVASE DLCSEKQWNV CKALATFVAR REITKVKLKQ ITPRTEEEKM EHSVAAERRR MRLVYADTIK DLLANCAIQG DLESRDCSR M VPAEKTRVES VELVLPPHAN HQNTEFGGQI MAWMENVA
<b>Predicted molecular weight</b>	30 kDa
<b>Amino acids</b>	19 to 250
<b>Tags</b>	His tag N-Terminus
<b>Additional sequence information</b>	NCBI Accession No. NP_671517; isoform 2.

### Specifications

Our **Abpromise guarantee** covers the use of **ab174552** 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
<b>Form</b>	Liquid
<b>Additional notes</b>	This product was previously labelled as ACOT11

## Preparation and Storage

### Stability and Storage

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: 0.32% Tris HCl, 2.4% Urea, 10% Glycerol (glycerin, glycerine)

## General Info

### Function

Has acyl-CoA thioesterase activity towards medium (C12) and long-chain (C18) fatty acyl-CoA substrates.

### Tissue specificity

Isoform 1 is predominantly expressed in skeletal muscle, liver, testis, stomach, spleen, lung and brain. Isoform 2 is predominantly expressed in kidney, uterus, hibernoma and white adipose tissue.

### Sequence similarities

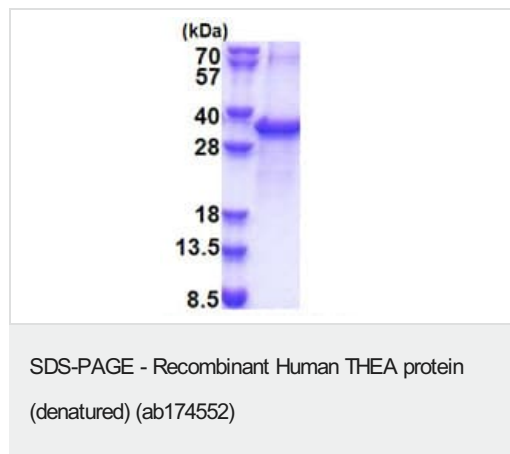
Contains 2 acyl coenzyme A hydrolase domains.

Contains 1 START domain.

### Cellular localization

Cytoplasm.

## Images



15% SDS-PAGE analysis of ab174552 (3 µg).

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

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- 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.

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