

Product datasheet

Recombinant Human THEM2 protein ab101158

1 Image

Description

Product name	Recombinant Human THEM2 protein
Purity	> 95 % SDS-PAGE. ab101158 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q9NPJ3</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSH MTSMTQSLREVIKAMTKA RNFERVLGKITL VSAAPGKVICEMKVEEEHTNAIGTLHGGLTATLVDNISTMA LLCTERGAP GVSVDNMNITYMSPAKLGEDVITAHVLKQGKTLAFTSVDLT NKATGKLIA QGRHTKHLGN
Predicted molecular weight	17 kDa including tags
Amino acids	1 to 140
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab101158** in the following tested applications.

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

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

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
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cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

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. Has acyl-CoA thioesterase activity towards medium (C12) and long-chain (C18) fatty acyl-CoA substrates. Can also hydrolyze 3-hydroxyphenylacetyl-CoA and 3,4-dihydroxyphenylacetyl-CoA (in vitro).

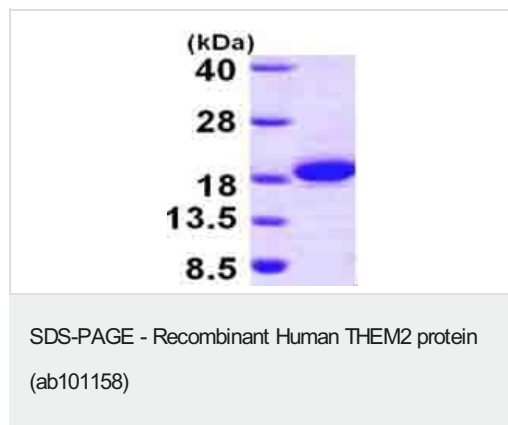
Sequence similarities

Belongs to the thioesterase Paal family.

Cellular localization

Cytoplasm. Mitochondrion.

Images



15% SDS-PAGE showing ab101158 at approximately 17.1kDa (3μg).

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
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