# **Human ACOT13/THEM2 (His Tag) recombinant protein**

Catalog Number: 502738



# **General Information**

# Gene Name Synonym

Thioesterase superfamily member 2; Acylcoenzyme A thioesterase 13, N-terminally processed

## **Protein Construction**

A DNA sequence encoding the human THEM2 (NP\_060943.1) (Met1-Asn140) was expressed with a polyhistidine tag at the N-terminus.

# **Organism**

Human

# **Expression Host**

E. coli

# **QC Testing**

# **Purity**

> 85 % as determined by SDS-PAGE

## **Endotoxin**

Please contact us for more information.

# **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

## **Predicted N terminal**

His

## **Molecular Mass**

The recombinant human THEM2 consists of 158 amino acids and predicts a molecular mass of 17.2 KDa. It migrates as an approximately 18 KDa band in SDS-PAGE under reducing conditions.

## **Formulation**

Lyophilized from sterile 50 mM Tris, 100 mM Arg, pH 8.0.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

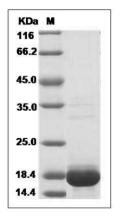
## Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Human THEM2 / ACOT13 Protein (His Tag) SDS-PAGE