

THEM5 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17858c**Specification**

THEM5 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q8N1Q8](#)**THEM5 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 284486**Other Names**

Acyl-coenzyme A thioesterase THEM5, Acyl-CoA thioesterase THEM5, Acyl-coenzyme A thioesterase 15, Thioesterase superfamily member 5, THEM5, ACOT15

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

THEM5 Antibody (Center) Blocking Peptide - Protein Information**Name** THEM5**Synonyms** ACOT15**Function**

Has acyl-CoA thioesterase activity towards long-chain (C16 and C18) fatty acyl-CoA substrates, with a preference for linoleoyl-CoA and other unsaturated long-chain fatty acid-CoA esters (PubMed:22586271). Plays an important role in mitochondrial fatty acid metabolism, and in remodeling of the mitochondrial lipid cardiolipin (PubMed:22586271). Required for normal mitochondrial function (PubMed:22586271).

Cellular Location

Mitochondrion matrix

THEM5 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

THEM5 Antibody (Center) Blocking Peptide - Images

THEM5 Antibody (Center) Blocking Peptide - Background

THEM5 is an enzyme with hydrolase activity.

THEM5 Antibody (Center) Blocking Peptide - References

Davila, S., et al. Genes Immun. 11(3):232-238(2010)