

MTTP Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP21081a**Specification**

MTTP Blocking Peptide (C-term) - Product InformationPrimary Accession [P55157](#)**MTTP Blocking Peptide (C-term) - Additional Information****Gene ID** 4547**Other Names**

Microsomal triglyceride transfer protein large subunit, MTTP, MTP

Target/Specificity

The synthetic peptide sequence is selected from aa 878-891 of HUMAN MTTP

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.

MTTP Blocking Peptide (C-term) - Protein Information**Name** MTTP**Synonyms** MTP**Function**

Catalyzes the transport of triglyceride, cholesteryl ester, and phospholipid between phospholipid surfaces (PubMed:23475612, PubMed:8939939, PubMed:26224785, PubMed:25108285, PubMed:22236406, PubMed:16478722, PubMed:15897609, PubMed:8876250). Required for the assembly and secretion of plasma lipoproteins that contain apolipoprotein B (PubMed:23475612, PubMed:8939939, PubMed:26224785).

target="_blank">26224785, PubMed:8876250, PubMed:16478722). May be involved in regulating cholesteryl ester biosynthesis in cells that produce lipoproteins (By similarity).

Cellular Location

Endoplasmic reticulum. Golgi apparatus. Note=Colocalizes with P4HB/PDI in the endoplasmic reticulum (PubMed:23475612, PubMed:26224785)

Tissue Location

Liver and small intestine. Also found in ovary, testis and kidney.

MTTP Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

MTTP Blocking Peptide (C-term) - Images**MTTP Blocking Peptide (C-term) - Background**

Catalyzes the transport of triglyceride, cholesteryl ester, and phospholipid between phospholipid surfaces. Required for the secretion of plasma lipoproteins that contain apolipoprotein B.

MTTP Blocking Peptide (C-term) - References

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Sharp D.,et al.Nature 365:65-69(1993).
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Hagan D.L.,et al.J. Biol. Chem. 269:28737-28744(1994).