



Human MTTP peptide (DAG-P0829)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	MTP encodes the large subunit of the heterodimeric microsomal triglyceride transfer protein. Protein disulfide isomerase (PDI) completes the heterodimeric microsomal triglyceride transfer protein, which has been shown to play a central role in lipoprotein assembly. Mutations in MTP can cause abetalipoproteinemia. [provided by RefSeq, Jul 2008]
Specificity	Liver and small intestine. Also found in ovary, testis and kidney.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 vitellogenin domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	MTTP microsomal triglyceride transfer protein [Homo sapiens (human)]
Official Symbol	MTTP
Synonyms	MTTP; microsomal triglyceride transfer protein; ABL; MTP; microsomal triglyceride transfer protein large subunit; microsomal triglyceride transfer protein (large polypeptide, 88kDa);
Entrez Gene ID	4547
mRNA Refseq	NM_000253.2

Protein Refseq	NP_000244.2
UniProt ID	P55157
Chromosome Location	4q24
Pathway	Chylomicron-mediated lipid transport, organism-specific biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Statin Pathway, organism-specific biosystem;
Function	apolipoprotein binding; lipid binding; lipid transporter activity; protein heterodimerization activity;