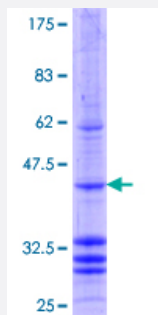


MTTP (Human) Recombinant Protein (Q01)

Catalog # H00004547-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MTTP partial ORF (NP_000244.1, 794 a.a. - 894 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SSFVKAGLETSTETEAGLEFISTVQFSQYPFLVCMQMDKDEAPFRQFEKKYERLSTGRGYVSQK RKESVLAGCEFLHQENSEMCKVVFAPQPDSTSSGWF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.85
Interspecies Antigen Sequence	Mouse (81); Rat (82)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MTTP

Entrez GeneID [4547](#)

GeneBank Accession# [NM_000253](#)

Protein Accession# [NP_000244.1](#)

Gene Name MTTP

Gene Alias ABL, MGC149819, MGC149820, MTP

Gene Description microsomal triglyceride transfer protein

Omim ID [157147](#) [200100](#) [605552](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations microsomal triglyceride transfer protein (large polypeptide, 88kD)|microsomal triglyceride transfer protein (large polypeptide, 88kDa)|microsomal triglyceride transfer protein large subunit

Disease

- [Abetalipoproteinemia](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)

- [Coronary Disease](#)
- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Drug Toxicity](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Fatty Liver](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hepatitis](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Lipid Metabolism](#)
- [Liver Cirrhosis](#)
- [Metabolic Diseases](#)
- [Metabolic Syndrome X](#)

- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Obesity](#)
- [Peripheral Vascular Diseases](#)
- [Syndrome](#)