Recombinant Human MTTP 293 Cell Lysate

Cat. No. MTTP-4064HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for microsomal triglyceride transfer protein (MTTP) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	MTTP microsomal triglyceride transfer protein [Homo sapiens]
Official Symbol	MTTP
Synonyms	MTTP; microsomal triglyceride transfer protein; microsomal triglyceride transfer protein (large polypeptide, 88kD) , microsomal triglyceride transfer protein (large polypeptide, 88kDa) , MTP; microsomal triglyceride transfer protein large subunit; ABL; microsomal triglyceride transfer protein (large polypeptide, 88kDa); MTP; MGC149819; MGC149820;
Gene ID	4547
mRNA Refseq	NM_000253
Protein Refseq	NP_000244
MIM	157147
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

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	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;
Function	apolipoprotein binding; binding; lipid binding; lipid transporter activity; lipid transporter activity; protein heterodimerization activity;

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