YBC641Mu01 100μg

Recombinant Microsomal Triglyceride Transfer Protein (MTTP)

Organism Species: Mus musculus (Mouse)

*Instruction manual*

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

## [ PROPERTIES ]

Residues: Leu28~Gly459

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: O08601

Host: *E. coli*

Subcellular Location: Endoplasmic reticulum.

Purity: >90%

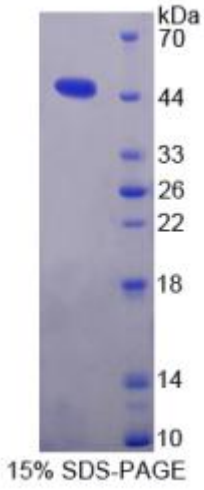
Endotoxin Level: <1.0EU per 1μg (determined by the LAL method).

Formulation: Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 8.6

Predicted Molecular Mass:

47.1kDa



15% SDS-PAGE

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

## [ USAGE ]

Reconstitute in sterile PBS, pH7.2-pH7.4.

## [ STORAGE AND STABILITY ]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

## [ SEQUENCES ]

The sequence of the target protein is listed below.

LNN ERLYKLTYS T EVFLD GG KG K PQD SVG YK IS SDVD VVL LWR NPD GD DD QV I
QVTITAVNVE NAGQQRGEKS IFQGKSTPKI IGKDNLEALQ RPMLLHLVRG KVKEFYSYEN
EPVGIENLKR GLASLFQMQL SSGTTNEVDI SGDCKVTYQA QQDKVVKIKA LDTCKIERSG
FTTANQVLGV SSKATSVTTY KIEDSFVTAV LAEETRAFAL NFQQTIAGKI VSKQKLELKT
TEAGPRMIPG KQVAGVIKAV DSKYKAIPIV GQVLERVCKG CPSLAEHWKS IRKNLEPENL
SKAEAVQSFL AFIQHLRTSR REEILQILKA EKKEVLPQLV DAVTSAQTPD SLEAILDFLD
FKSDSSIILQ ERFLYACGFA THPDEELLRA LLSKFKGSFA SNDIRESVMI IIGALVRKLC
QNEGCKLKAV VEAKKLILG