TEL:4006-871-227 Web:www.ybio.net Email:shybio@126.com

YB91660Mu01 100μg

Fatty Acid Transport Protein 5 (FATP5)

Organism: Mus musculus (Mouse)

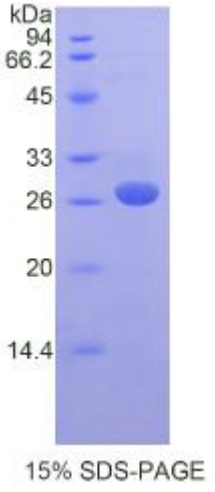
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

6th Edition (Revised in March, 2013)

[PROPERTIES]



15% SDS-PAGE

Residues: Glu471~Leu689 (Accession # Q4LDG0), with N-terminal His-Tag.

Host: *E. coli*

Subcellular Location: Endoplasmic reticulum membrane; Multi-pass membrane protein.

Purity: >95%

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

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

Predicted isoelectric point: 6.5

Predicted Molecular Mass: 26.1kDa

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

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

[USAGE]

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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 target protein is fused with N-terminal His-Tag, its sequence is listed below.

MGHHHHHHSGSEF- ETAEPLRDKQ GFCIPVEPGK PGLLLTKVRK NQPFLGYRGS
QAESNRKLVA NVRRVGDLYF NTGDVLTLDQ EGFFYFQDRL GDTFRWKGEN VSTGEVECVL
SSLDFLEEVN VYGVPVPGCE GKVGMAAVKL APGKTFDGQK LYQHVRSWLP AYATPHFIRI
QDSLEITNTY KLVKSRLVRE GFDVGIIADP LYILDNKAQT FRSLMPDVYQ AVCEGTWNL