

RPD676Mu01 100µg

Recombinant Acyl Coenzyme A Synthetase Long Chain Family, Member 6 (ACSL6)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Gly451~Val697

Tags: N-terminal His Tag

Subcellular Location: Mitochondrion

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

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

Predicted isoelectric point: 5.7

Predicted Molecular Mass: 31.5 kDa

Accurate Molecular Mass: 32 kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[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. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

GCQVYEGYGQTECTAGCTFTTPGDWTS GHV G A P L P C N H I K L V D A E E L N Y W T C K G E G E I C V
K G P N V F K G Y L K D E D R T K E A L D S D G W L H T G D I G K W L P E G T L K I I D R K K H I F K L A Q G E Y V A P E K I
E N I Y I R S E P V A Q I Y V H G D S L K A F L V G I V P D P E V M P S W A Q K K G I E G T Y Q E L C M K K E L K K A I L D
D M V M L G K E S G L H S F E Q V K A I Y I H C D M F S V Q N G L L T P T L K A K R P E L R E Y F K K Q I E E L Y L V S V

[IDENTIFICATION]

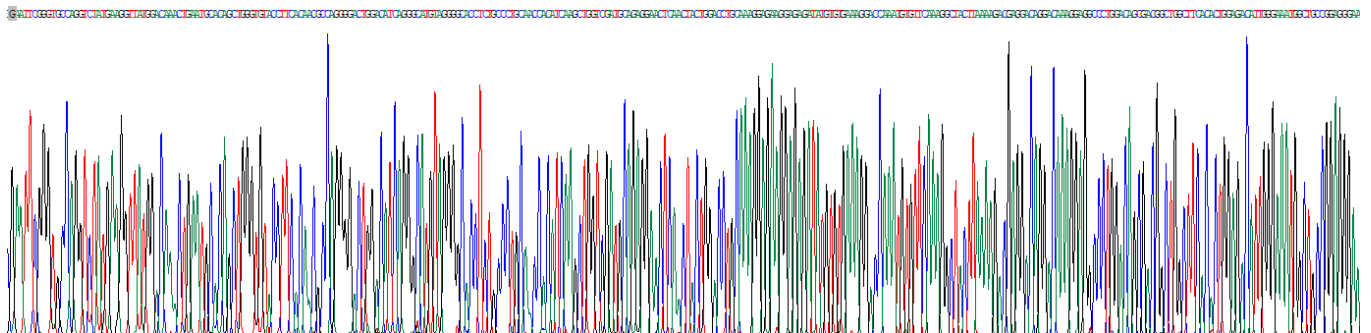


Figure . Gene Sequencing (extract)

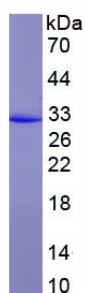


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.