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YBD665Mu01 100 $\mu$ g

Recombinant Acetyl Coenzyme A Acetyltransferase 2 (ACAT2)

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: Met1~Gly397

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

Accession: Q8CAY6

Host: *E. coli*

Subcellular Location: Cytoplasm.

Purity: >95%

Endotoxin Level: <1.0EU per 1 $\mu$ g (determined by the LAL method).

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

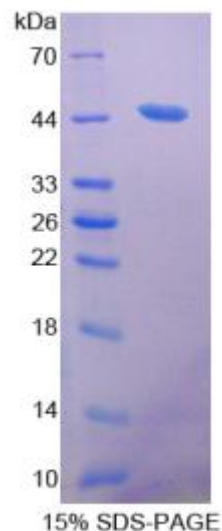
Predicted isoelectric point: 7.2

Predicted Molecular Mass:

45.0kDa

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.

MNAGSDPVVI VSAARTAIGS FNGALSTVPV HEMGTTVIKE VLQRAKVAPE EVSEVIFGHV  
LTAGCGQNPT RQASVGAGIP YSVPWSCQM ICGSGLKAVC LAAQSIAMGD STIVVAGGME  
NMSKAPHLTH LRTGVRMGEV PLADSILCDG LTDAFHNYHM GITAENVAKK WQVSREAQDK  
VAVLSQNRAE HAQKAGHFDK EIVPVLVSSR KGLTEVKIDE FPRHGSNLEA MGKLPYFLT  
DGTGTVTPAN ASGMNDGAAA VVLMKKTEAE RRMLKPLARI VSWSQAGVEP SVMGVGPIPA  
IKQAVAKAGW SLEDVDLFEI NEAFAAVSAA IAKELGLNPE KVNIDGGAIA LGHPLGASGC  
RILVTLHHTL ERVGGTRGVA ALCIGGGMGV AMCVQRG