

RPC358Mu01 100µg

Recombinant Calpain 2 (CAPN2)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Glu33~Thr344

Tags: N-terminal His and GST Tag

Subcellular Location: Membrane, Cytoplasm

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 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: 4.7

Predicted Molecular Mass: 64.9kDa

Accurate Molecular Mass: 65kDa 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]

ETLRNECL EAGALFQDPS FPALPSSSLGY KELGPYSSKT RGIIEWKRPE ICADPQFIIG GATRTDICQG ALGDCWLLAA
IASLTLNEEI LARVVPPDQS FQENYAGIFH FQFWQYGEWV EVVVDDRLPT KDGELLFVHS AEGSEFWSAL LEKAYAKING
CYEALSGGAT TEGFEDFTGG IAEWYELRKP PPNLFKIIQK ALEKGSLLGC SIDITSAADS EAVTYQKLVK GHAYSVTGAE
EVESGSLQK LIRIRNPWGQ VEWTGKWNDN CPSWNTVDPE VRANLTERQE DGEFWMSFSD FLRHYSRLEI CNLT

[IDENTIFICATION]

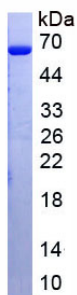


Figure. SDS-PAGE

[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.