

RPC960Hu01 100µg

Recombinant Calpain 3 (CAPN3)

Organism Species: *Homo sapiens (Human)*

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: Ile602~Ala821

Tags: N-terminal His Tag

Subcellular Location: Cytoplasm

Purity: > 97%

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: 5.5

Predicted Molecular Mass: 29.1kDa

Accurate Molecular Mass: 32kDa 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.

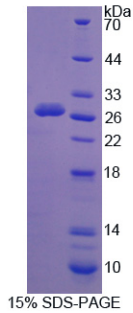
Aliquot and store at -80°C for 12 months.

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**]

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

[IDENTIFICATION]



[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.