

Datasheet for ABIN5709191

## Calpain 2 Protein (CAPN2) (AA 20-700) (His tag)



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	Calpain 2 (CAPN2)
Protein Characteristics:	AA 20-700
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Calpain 2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence: SHERAIKYLN QDYEALRNEC LEAGTLFQDP SFFAIPSALG FKELGPYSSK TRGIEWKRPT  
EICADPQFII GGATRTDICQ GALGDCWLLA AIASLTLNEE ILARVVPLNQ SFQENYAGIF  
HFQFWQYGEW VEVVVDRLP TKDGELLFVH SAEGSEFWSA LLEKAYAKIN GCYEALSGGA  
TTEGFEDFTG GIAEWYELKK PPPNLFKIIQ KALQKGSLLG CSIDITSAAD SEAITFQKLV  
KGHAYSVTGA EEVESNGSLQ KLIRIRNPWG EVEWTGRWND NCPSWNTIDP EERERLTRRH  
EDGEFWMSFS DFLRHYSRLE ICNLTPTDLT SDTYKKWKLT KMDGNWRRGS TAGGCRNYPN  
TFWMNPQYLI KLEEEDEDEE DGESGCTFLV GLIQKHRRRQ RKMGEDMHTI GFGIYEVPEE  
LSGQTNIHLS KNFFLTNRAR ERSDTFINLR EVLNRFKLPP GEYILVPSTF EPNKDGDFCI  
RVFSEKKADY QAVDDEIEAN LEEFDISEDD IDDGFRRLFA QLAGEDAEIS AFELQTLRR  
VLAKRQDIKS DGFSIETCKI MVDMLDSDGS GKLGLKEFYI LWTKIQKYQK IYREIDVDRS  
GTMNSYEMRK ALEEAGFKMP CQLHQVIVAR FADDQLIIDF DNFVRCLVRL ETLFKIFKQL  
DPENTGTIEL DLISWLCFSV L

## Product Details

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Purification: SDS-PAGE

Purity: > 90 %

## Target Details

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Target: Calpain 2 (CAPN2)

Alternative Name: CAN2 ([CAPN2 Products](#))

Background: Calcium-regulated non-lysosomal thiol-protease which catalyze limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. Proteolytically cleaves MYOC at 'Arg-226'.

Molecular Weight: 82.2 kDa

UniProt: [P17655](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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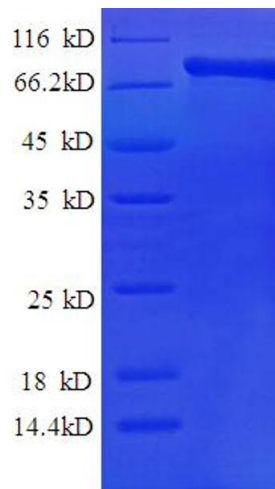
Format: Liquid

Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



**SDS-PAGE**

**Image 1.**