

Recombinant Calpain 6 (CAPN6) Instruction Manual

SIPF942Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus, Cytoplasm
Predicted Molecular Mass	58.7kDa
Accurate Molecular Mass	59kDa(Analysis of differences refer to the manual)
Residues & Tags	Leu26~Arg495 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	5.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                LFCDP TFLPENSLF YNRLLP GKVV  
WKR PQD ICDD PHLIVGNISN HQLTQGR LGH KPMVSAF SCL AVQESHWT KT  
IPNHKEQ EWD POKTEKYAGI FHFRFWHFGE WTEVV IDDLL PTINGDLVFS  
FSTSMNEFWN ALLEKAYAKL LGCYEALDGL TITDIIVDFT GTLAETVDMQ  
KGRYTELVEE KYKLFGE LYK TFTKGGLICC SIESPNQEEQ EVETDWGLLK  
GHTYTM DIR KIRLGERLVE VFSAEKVY MV RLRNPLGRQE WSGPWSEISE  
EWQQLTASDR KNLGLVMSDD GEFWMSLEDF CRNFHKL NVC RNVN NPIFGR  
KELESVLGCW TVDDDPLMNR SGGCYNNRDT FLQNPQYIFT VPEDGHK VIM  
SLQQKDLRTY RRMGRPDNYI IGFELFKVEM NRKFR LHHL Y IQERAGTSTY  
IDTRTVFLSK YLKKGNVVLV PTMFQHGRTS EFLLRIFSEV PVQLR
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

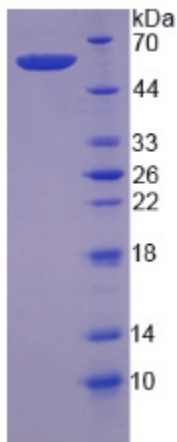
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image



SDS-PAGE Image

[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.