

Recombinant Caspase 12 (CASP12)

Instruction Manual

SIPA680Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	77.1kDa
Accurate Molecular Mass	77kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Phe413 with N-terminal His and GST Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	6.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MAARRTHERD PIYKIKGLAK DMLDGVFDDL VEKNVINGDE LLKIGESASF  
ILNKAENLVE NFLEKTD MAG KIFAGHIANS QEQLSLQFSN DEDDGPQKIC  
TPSSPSESKR KVEDDEMEVN AGLAHESHLM LTAPHGLQSS EVQDTLKLCP  
RDQFCKIKTE RAKEIYPVME KEGRTRLALI ICNKKFDYLF DRDNADTDIL  
NMQELLENLG YSVVLKENLT AQEMETELMQ FAGRPEHQSS DSTFLVFM SH  
GILEGICGVK HRNKKPDVLH DDTIFKIFNN SNCRSLRNKP KILIMQACRG  
RYNGTIWVST NKG IATADTD EERVLSCKWN NSITKAHVET DFIAFKSSTP  
HNISWKVGKT GSLFISKLID CFKKYCWCYH LEEIFRKVQH SFEVPGELTQ  
MPTIERVSMT RYF
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USAGE

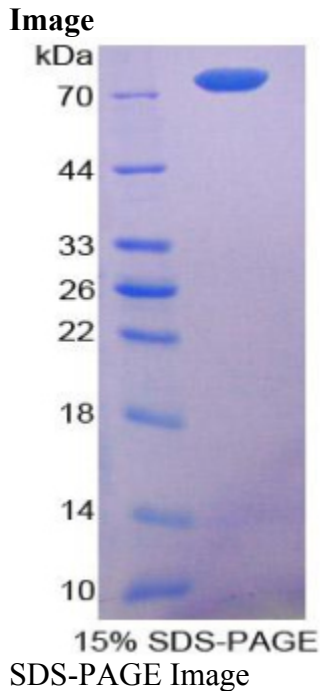
Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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.



[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.