

Caspase 12 Recombinant Protein | CASP12 recombinant protein

Recombinant Caspase 12 (CASP12)

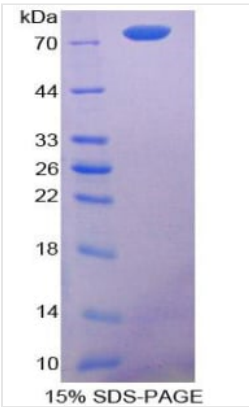
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144193	E.coli	Mus musculus (Mouse)	Western Blot, SDS-Page

PRODUCT SYNONYMS

Caspase 12; Recombinant Caspase 12 (CASP12); CASP12 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 50ug/mL (varies by lot)
Sequence	MAARRTHERD PIYKIKGLAK DMLDGVFDDL VEKNVLNGDE LLKIGESASF ILNKAENLVE NFLEKTD MAG KIFAGHIANS QEQLSLQFSN DEDDGPQKIC TPSSPSESKR KVEDDEMEVN AGLAHESHLM LTAPHGLQSS EVQDTLKLCP RDQFCKIKTE RAKEIYPVME KEGRTRLALI ICNKKFDYLF DRDNADTDIL NMQELLENLG YSVVLKENLT AQEMETELMQ FAGRPEHQSS DSTFLVFMSH GILEGICGVK HRNKKPDVLH DDTIFKIFNN SNCRSLRNKP KILIMQACRG RYNGTIWVST NKGATADTD EERVLSCWVN NSITKAHVET DFIAFKSSTP HNISWKVGKT GSLFISKLID CFKKYCWCYH LEEIFRKVQH SFEVPGELTQ MPTIERVSMT RYF
Applicable Applications for CASP12 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Phe413
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.1
Usage	Reconstitute in ddH ₂ O to a concentration of 0-0.25 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree 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 degree 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.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	18426852
NCBI GeneID	156117
NCBI Accession #	NP_569106.1
NCBI GenBank Nucleotide #	NM_130422.1
Molecular Weight	Predicted Molecular Mass: 77.1kDa Accurate Molecular Mass: 77kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	caspase-12
NCBI Official Synonym Full Names	caspase 12
NCBI Official Symbol	Casp12
NCBI Protein Information	caspase-12
UniProt Protein Name	Caspase-12
UniProt Gene Name	Casp12
UniProt Synonym Gene Names	CASP-12
UniProt Entry Name	CASPC_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.