

Caspase 1 (CASP1) Recombinant Protein | CASP1 recombinant protein

Recombinant Caspase 1 (CASP1)

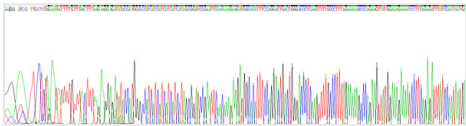
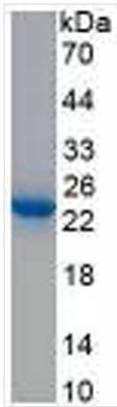
CATALOG # AAA134473	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Caspase 1 (CASP1); Recombinant Caspase 1 (CASP1); CASP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 50ug/mL (varies by lot)
Applicable Applications for CASP1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asn119~Asp296
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm, Chromosome
Traits	Freeze-dried powder
Predicted isoelectric point	6.8
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.5 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.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

NK EDGTFPGLTG TLKFCPLEKA QKLWKENPSE
IYPIMNTTTR TRLALIICNT EFQHLSPRVG AQVDLREMKL LLEDLGTVK
VKENLTALEM VKEVKEFAAC PEKTSDSSTF LVFMHGIQE GICGTTYSNE
VSDILKVDTI FQMMNTLKCP SLKDKPKVII IQACRGEKQG VVLLKD

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	86198305
NCBI GeneID	12362
NCBI Accession #	NP_033937.2
NCBI GenBank Nucleotide #	NM_009807.2
UniProt Accession #	P29452
Molecular Weight	Predicted Molecular Mass: 21.6kDa Accurate Molecular Mass: 23kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	caspase-1
NCBI Official Synonym Full Names	caspase 1
NCBI Official Symbol	Casp1
NCBI Official Synonym Symbols	ICE; Il1bc
NCBI Protein Information	caspase-1; p45; CASP-1; IL-1BC; IL-1B converting enzyme; IL-1 beta-converting enzyme; interleukin-1 beta convertase; interleukin 1 beta-converting enzyme; interleukin-1 beta-converting enzyme
UniProt Protein Name	Caspase-1
UniProt Gene Name	Casp1
UniProt Synonym Gene Names	Il1bc; CASP-1; IL-1BC; ICE
UniProt Entry Name	CASP1_MOUSE

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.