

Recombinant Mouse Casp1 protein, His-tagged

Cat. No. Casp1-7151M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Casp1 aa. (Asn119~Asp296) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Asn119~Asp296
Form	Freeze-dried powder
Molecular Mass	23kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 6.8.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

 Tel: 1-631-559-9269 1-516-512-3133

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

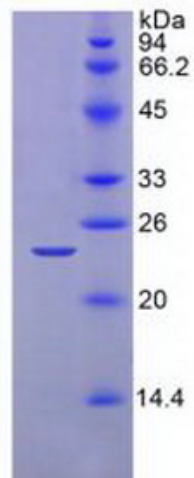
Gene Name	Casp1 caspase 1 [Mus musculus (house mouse)]
Official Symbol	Casp1
Synonyms	Casp1; caspase 1; ICE; Il1bc; caspase-1; CASP-1; IL-1 beta-converting enzyme; IL-1B converting enzyme; IL-1BC; interleukin-1 beta convertase; interleukin-1 beta-converting enzyme; p45
Gene ID	12362
mRNA Refseq	NM_009807.2
Protein Refseq	NP_033937.2
UniProt ID	P29452

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SDS-PAGE



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