

Recombinant Pig CASP1 protein, His-tagged

Cat. No. CASP1-7152P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig CASP1 aa. (Asn120~Asp297 (Accession # Q9N2I1)) fused with N-terminal His tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Asn120~Asp297
Form	Freeze-dried powder
Molecular Mass	21 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.7.
Applications	SDS-PAGE; WB; ELISA; IP.
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

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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.

Storage buffer

Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

CASP1 caspase 1, apoptosis-related cysteine peptidase [*Sus scrofa* (pig)]

Official Symbol

CASP1

Synonyms

CASP1; caspase-1; CASP-1; ICE; IL-1 beta-converting enzyme; IL-1BC; caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase); interleukin-1 beta convertase; interleukin-1 beta converting enzyme; p45

Gene ID

397319

mRNA Refseq

NM_214162.1

Protein Refseq

NP_999327.1

UniProt ID

Q9N2I1

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