

Recombinant Cattle CASP4 protein, His-tagged

Cat. No. CASP4-1861C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle CASP4 aa. (Lys81~Asp270 (Accession # Q5E9C1)) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Lys81~Asp270
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.
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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

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

GENE INFORMATION

Gene Name

CASP4 caspase 4, apoptosis-related cysteine peptidase [Bos taurus (cattle)]

Official Symbol

CASP4

Synonyms

CASP4; CASP13; caspase-4; CASP-13; CASP-4; ERICE; caspase 4, apoptosis-related cysteine protease; caspase-13; evolutionary related interleukin-1-beta-converting enzyme

Gene ID

338039

mRNA Refseq

NM_176638.5

Protein Refseq

NP_788811.1

UniProt ID

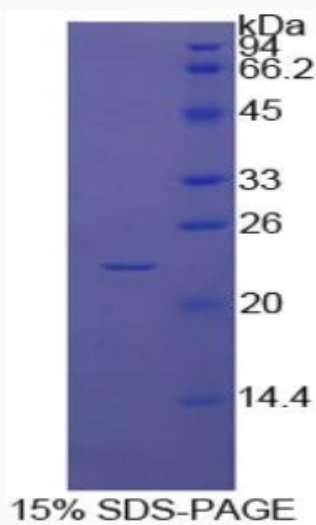
Q5E9C1

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA