

Recombinant Cattle HSPA8 protein, His-tagged

Cat. No. HSPA8-8257C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle HSPA8 aa. (Asp534~Gly615 (Accession # P19120)) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Asp534~Gly615
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 10.8kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
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 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

HSPA8 heat shock protein family A (Hsp70) member 8 [Bos taurus (cattle)]

Official Symbol

HSPA8

Synonyms

HSPA8; Hsc70; HSPA10; heat shock cognate 71 kDa protein; Hsc70 ATPase; heat shock 70 kDa protein 8; heat shock 70kDa protein 8; heat shock 70kd protein 10 (HSC71); heat shock cognate 71 kD protein

Gene ID

281831

mRNA Refseq

NM_174345.4

Protein Refseq

NP_776770.2

UniProt ID

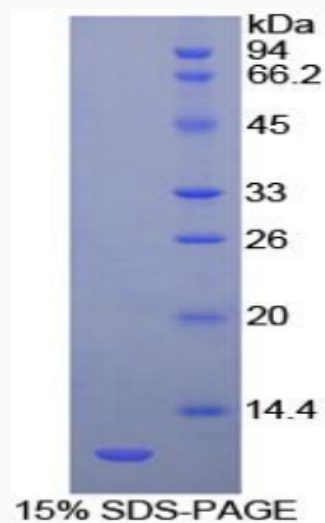
P19120

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SDS-PAGE



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