Recombinant Cattle HSPA1A protein, His-tagged

Cat. No. HSPA1A-1481C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle HSPA1A aa. (Met1~Asp641 (Accession # Q27975)) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Met1~Asp641
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 71.8kDa.
Endotoxin	<1.0EU per 1μg (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. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

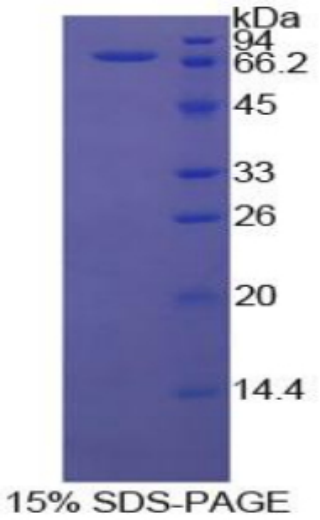
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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	HSPA1A heat shock 70kDa protein 1A [Bos taurus (cattle)]
Official Symbol	HSPA1A
Synonyms	HSP70; HSPA1; HSPA2; HSPA1B; HSP70-1; HSP70-2; 70 kda heat shock protein-2; HSP70.1; HSP70.2; Heat Shock Protein 70; chaperone; heat shock 70 kD protein 1; heat shock 70 kD protein 2; heat shock 70 kDa protein 1; heat shock 70 kDa protein 1A; heat shock 70 kDa protein 2; heat shock 70kDa protein 1B; heat-shock 70-kilodalton protein 1A; heat-shock 70-kilodalton protein 1B; heat shock 70 kDa protein 1B
Gene ID	282254
mRNA Refseq	NM_203322.3
Protein Refseq	NP_976067.3
UniProt ID	Q27975

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SDS-PAGE	 15% SDS-PAGE

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