

Recombinant Heat Shock Protein 27 (Hsp27)

Catalog No.: TP09192

50µg

Sequence Information

Species: Bovine

Gene ID:516099

Swiss Prot:Q3T149

Synonyms:HSPB1; HSP-B1; CMT2F; HSP28;
Hsp25; Heat Shock 27kDa Protein 1; 28
kDa heat shock protein; Heat shock
protein beta-1; Estrogen-regulated 24
kDa protein;

Residues:Met1~Lys201

MAERRVPFSLLRGPSWDPFRDWYPAHSRLFDQAFGLPRLPEEWSQWLSHSGWPG
YVRALPAAIEGPAYNRALSRLSSGVSEIQQTADRWRVSLDVNHFAPEELTVK
TKDGVVEITGKHEERQDEHGYSISRCFTRKYTLPPGVDPTLVSSSLSPEGTLTVE
APLPKSATQSAEITIPVTFQARAQLGGPEAGKSEQPENK

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His and Tag

Subcellular Location: Cytoplasm

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.0

Predicted Molecular Mass: 26.1kDa

Accurate Molecular Mass: 26kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: 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.

[IDENTIFICATION]

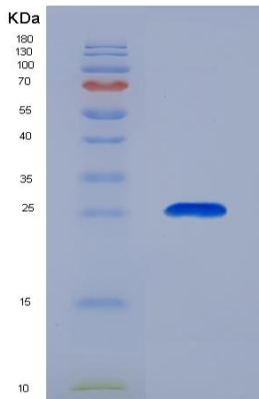


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.