

27kDa 热休克蛋白(HSPB1)重组蛋白

适用生物 Bos taurus; Bovine (Cattle , 牛)  
产品应用 SDS-PAGE; WB; ELISA; IP. 规格 50ug  
分子量 26.1kDa 价格 请咨询当地代理商  
纯度 > 95%  
来源 原核表达

Recombinant Heat Shock 27kDa Protein 1 (HSPB1)

FOR IN VITRO AND RESEARCH USE ONLY, NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES!

Organism species	Bos taurus; Bovine (Cattle)
Product No.	YBA693Bo01
Source	Prokaryotic expression
Host	E.coli
Purity	> 95%
UOM	50ug
Predicted Molecular Mass	26.1kDa
Applications	SDS-PAGE; WB; ELISA; IP.
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Residues	Met1~Lys201 with two N-terminal Tags, His-tag and T7-tag

Formulation	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
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SEQUENCES

The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below.

MAERRVPFSL LRGPSWDPFR DWYPAHSRLF DQAFGLPRLP EEWSQWLSHS GWPGYVRALP A  
AAIEGPAYN RALSRQLSSG VSEIQQTADR WRVSLDVNHF APEELTVKTK DGVEITGKH EERQD

EHGYI SRCFTRKYTL PPGVDPTLV SSSLPEGTLT VEAPLPKSAT QSAEITIPVT FQARAQLGGP  
EAGKSEQPEN K

## USAGE

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

## 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 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 Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

## About the MARKER (complimentary)

**27kDa 热休克蛋白(HSPB1)重组蛋白 Effective Size Range:** 10kDa to 70kDa.

**Protein bands:** 10kDa, 14kDa, 18kDa, 22kDa, 26kDa, 33kDa, 44kDa and 70kDa.

**Double intensity bands:** The 26kDa, 18kDa, 10kDa bands are at double intensity to make location and size approximation of proteins of interest quick and easy.

**Ready-to-use:** No need to heat, dilute or add reducing agents before use.