

Recombinant Heat Shock Protein 90kDa Alpha B1 (HSP90aB1) Instruction Manual

SIPD235Bo01

Bos taurus; Bovine (Cattle)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Nucleus, Cytoplasm
Predicted Molecular Mass	84.5kDa
Accurate Molecular Mass	84kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Asp724 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	5.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MPEEVHHGEE EVETFAFQAE IAQLMSLIIN TFYSNKEIFL RELISNASDA
LDKIRYESLT DPSKLDGKE LKIDIIPNPQ ERTLTLVDTG IGMTKADLVN
NLGTIAKSGT KAFMEALQAG ADISMIGQFG VGFYSAYLVA EKVVVITKHN
DDEQYAWESS AGGSFTVRAD HGEPIGRGTK VILHLKEDQT EYLEERRVKE
VVKKHSQFIG YPITLYLEKE REKEISDDEA EEEKGEKEEE DKDDEEKPKI
EDVGSDEEDD SGKDKKKKTK KIKEKYIDQE ELNKTPIWT RNPDDITQEE
YGEFYKSLTN DWEDHLAVKH FSVEGQLEFR ALLFIPRRAP FDLFENKXXX
NNIKLYVRRV FIMDSCDELI PEYLNFIGRV VDSDELPLNI SREMLQQSKI
LKVIRKNIVK KCLELFSELA EDKENYKKFY EAFSKNLKLG IHEDSTNRRR
LSELLRYHTS QSGDEMTSLS EYVSRMKETQ KSIYYITGES KEQVANSFV
ERVVRKGFV VYMTEPIDEY CVQQLKEFDG KSLVSVTKEG LELPEDEEEK
KKMEESKAKF ENLCKLMKEI LDKKVEKVTI SNRLVSSPCC IVTSTYGWTA
NMERIMKAQA LRDNSTMGYM MAKKHLEINP DHPIVETLRQ KAEADKNDKA
VKDLVLLFE TALLSSGFSL EDPQTHSNRI YRMIKLG LGI DEDEVTAEEP
SAAVPDEIPP LEGDEDASRM EEVD

USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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.

Image

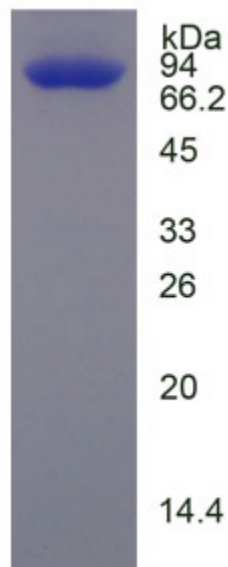


Figure. SDS-PAGE

[IMPORTANT NOTE]

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