

Recombinant Heat Shock Protein 90kDa Beta 1 (HSP90b1) Instruction Manual

SIPA312Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1 μ g (determined by the LAL method)
Subcellular Location	Secreted, Endoplasmic reticulum lumen
Predicted Molecular Mass	58.9kDa
Accurate Molecular Mass	20&60kDa(Analysis of differences refer to the manual)
Residues & Tags	Asp22~Asn502 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	4.5
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                                     DDEVDVDGT VEEDLGKSRE GSRTDDEVVQ
REEEAIQLDG LNASQIRELR EKSEKFAFQA EVNRMMKLII NSLYKNKEIF
LRELISNASD ALDKIRLISL TDENALSGNE ELTVKIKCDK EKNLLHVTDT
GVGMTREELV KNLGTIAKSG TSEFLNKMT E AQEDGQSTSE LIGQFGVGFY
SAFLVADKVI VTSKHNDTQ HIWESDSNEF SVIADPRGNT LGRGTTITLV
LKEEASDYLE LDTIKNLVKK YSQFINFPIY VWSSKTETVE EPMEEEEAAK
EEKEESDDEA AVEEEEEEEK PKTKKVEKTV WDWELMNDIK PIWQRPSKEV
EEDEYKAFYK SFSKESDDPM AYIHFTAEGE VTFKSILFVP TSAPRGLFDE
YGSKKSDYIK LYVRRVFITD DFHDMMPKYL NFVKGVVDS D DLPLNVSRET
LQQHKLKVI RKKLVKRLD MIKKIADDKY NDTFWKEFGT NIKLGVIEDH
SN
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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

GAATTCGACGATGAGTTGATGTGGATGGTACAGTGGAGGATCTGGGTAAAGTAGAGAGGATCAGGACGGATGAGTAGTACTCAGAGAGGAGAGAGCTATTCAATTGGATGGATTAAATGCA'

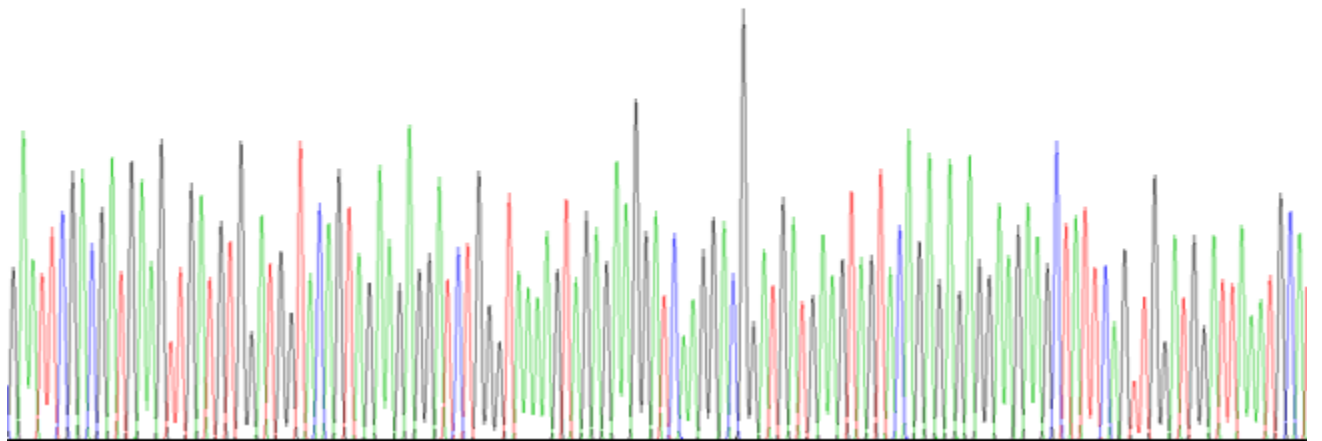


Figure. SDS-PAGE

[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.