

RPD522Hu01 50µg

Recombinant Heat Shock Protein 90kDa Alpha B1 (HSP90aB1)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PROPERTIES]

Residues: Met1~Asp724

Tags: N-terminal His-Tag

Accession: P08238

Host: *E. coli*

Subcellular Location: Cytoplasm. Melanosome.

Purity: >95%

Endotoxin Level: <1.0EU per 1µg

(determined by the LAL method).

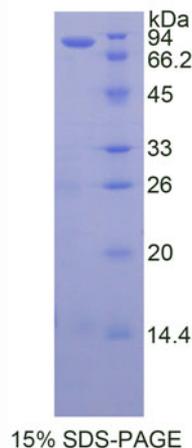
Formulation: Supplied as lyophilized form in PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and preservative.

Predicted isoelectric point: 5.1

Predicted Molecular Mass: 85.5kDa

Applications: SDS-PAGE; WB; ELISA; IP.

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



[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.

[SEQUENCES]

The sequence of the target protein is listed below.

MPEEVHHGEE EVETFAFQAE IAQLMSLIIN TFYSNKEIFL RELISNASDA LDKIRYESLT
DPSKLDGKE LKIDIIPNPQ ERTLTLVDTG IGMTKADLIN NLGTIAKSGT KAFMEALQAG
ADISMIGQFG VGFYSAYLVA EKVVVITKHN DDEQYAWESS AGGSFTVRAD HGEPIGRGTK
VILHLKEDQT EYLEERRVKE VVKKHSQFIG YPITLYLEKE REKEISDDEA EEEKGEKEEE
DKDDEEKPKI EDVGSDEEDD SGKDKKKKTK KIKEKYIDQE ELNKT KPIWT
RNPDDITQEEYGEFYKSLTN DWEDHLAVKH FSVEGQLEFR ALLFIPRRAP FDLFENK KKK
NNIKLYVRRV FIMDSCDELI PEYLN FIRGV V DSEDLPLNI SREMLQQSKI LKVIRKNIVK
KCLELFSELA EDKENYKKFY EAFSKNLKLG IHEDSTNRRR LSELLRYHTS QSGDEMTSLS
EYVSRMKETQ KSIYYITGES KEQVANSFV ERVRKRGFEV VYMTEPIDEY CVQQLKEFDG
KSLVSVTKEG LELPEDEEEK KKMEESKAKF ENLCKLMKEI LDKKVEKVTI SNRLVSSPCC
IVTSTYGWTA NMERIMKAQA LRDNSTMGYM MAKKHLEINP DHPIVETLRQ KAEADKNDKA
VKDLVLLFE TALLSSGFSL EDPQTHSNRI YRMIKLG LGI DEDEVA AEPP NAAVPDEIPP
LEGDEDASRM EEVD

[REFERENCES]

1. Rebbe N.F., *et al.* (1987) *Gene* 53:235-245.
2. Rebbe N.F., *et al.* (1989) *J. Biol. Chem.* 264:15006-15011.
3. Hoffmann T., Hovemann B. (1988) *Gene* 74:491-501.
4. Lees-Miller S.P., Anderson C.W. (1989) *J. Biol. Chem.* 264:2431-2437.