

YBC332Hu01 100µg

Recombinant Nuclear Mitotic Apparatus Protein 1 (NUMA1)

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]

kDa Residues: Phe1700~His2115 Tags: Two N-terminal Tags, His-tag and T7-tag 44 Accession: Q14980 33 Host: E. coli 26 22 Subcellular Location: Nucleus matrix. Chromosome. Cytoplasm. 18 **Purity: >95%** 14 Endotoxin Level: <1.0EU per 1µg (determined by the LAL 10 method). 15% SDS-PAGE Formulation: Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl. Predicted isoelectric point: 10.2 Predicted Molecular Mass: 48.7kDa Applications: SDS-PAGE; WB; ELISA; IP. (May be suitable for use in other assays to be determined by the end user.)

[<u>USAGE</u>]

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.

F QVATDALKSR EPQAKPQLDL SIDSLDLSCE EGTPLSITSK LPRTQPDGTS VPGEPASPIS QRLPPKVESL ESLYFTPIPA RSQAPLESSL DSLGDVFLDS GRKTRSARRR TTQIINITMT KKLDVEEPDS ANSSFYSTRS APASQASLRA TSSTQSLARL GSPDYGNSAL LSLPGYRPTT RSSARRSQAGVSSGAPPGRNSFYMGTCQDEPEQLDDWNRIAELQQRNRVC PPHLKTCYPL ESRPSLSLGT ITDEEMKTGD PQETLRRASM QPIQIAEGTG ITTRQQRKRV SLEPHQGPGTPESKKATSCFPRPMTPRDRHEGRKQSTTEAQKKAAPASTK QADRRQSMAF SILNTPKKLG NSLLRRGASK KALSKASPNT RSGTRRSPRI ATTTASAATA AAIGATPRAK GKAKH