

RPD179Hu01 500µg

Recombinant Nucleobindin 1 (NUCB1)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Glu37~Glu450

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO₃, 500mMNaCl, pH8.3, containing 0.01% Sarcosyl, 5% Trehalose.

Original Concentration: 1000µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

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

Predicted isoelectric point: 4.8

Predicted Molecular Mass: 52.5kDa

Accurate Molecular Mass: 54kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

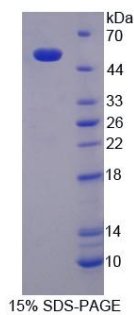
Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. 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.

[SEQUENCE]

EETP ATESPDTGLY YHRYLQEVID VLETDGHFRE KLQAANAEDI KSGKLSRELD FVSHHVRTL
 DELKRQEVSR LRMLLKAKMD AEQDPNVQVD HLNLLKQFEH LDPQNGHTFE ARDLELLIQT ATRDLAQYDA
 AHHEEFKRYE MLKEHERRY LESLGEEQRK EAERKLEEQQ RRHREHPKVN VPGSQAQLKE VWEELDGLDP
 NRFNPKTFFI LHDINSDGVL DEQEALFT KELEKVYDPK NEEDDMREME EERLRMREHV MKNVDTNQDR
 LVTLEEFLAS TQRKEFGDTG EGWETVEMHP AYTEEELRRF EEELAAREAE LNAKAQRLSQ ETEALGRSQG
 RLEAQKRELQ QAVLHMEQRK QQQQQQQGHK APAAHPEGQL KFHPDTPDVP VPAPAGDQKE VDTSEKKLLE

[IDENTIFICATION]



[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.