

Recombinant Nucleobindin 1 (NUCB1) Instruction Manual

SIPD095Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	53.8kDa
Accurate Molecular Mass	54kDa(Analysis of differences refer to the manual)
Residues & Tags	Glu37~Leu461 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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EETP ATESPDTGLY YHRYLQEVID VLETDGHFRE KLQAANAEDI KSGKLSRELD FVSHHVRTKL DELKRQEVSR
LRMLLKAKMD AEQDPNVQVD HLNLLKQFEH LDPQNQHTFE ARDLELLIQT ATRDLAQYDA AHHEEFKRYE MLKEHERRRY
LESLGEEQRK EAERKLEEQQ RRHREHPKVN VPGSQAQLKE VWEELDGLDP NRFNPKTFFI LHDINSDGVL DEQEALFT
KELEKVYDPK NEEDDMREME EERLRMREHV MKNVDTNQDR LVTLEEFAS TQRKEFGDTG EGWETVEMHP AYTEELRRF
EEELAAREAE LNAKAQRLSQ ETEALGRSQG RLEAQKRELQ QAVLHMEQRK QQQQQQGHK APAAHPEGQL KFHPDTPDVP
VPAPAGDQKE VDTSEKLLLE RLPEVEVPQH L
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USAGE

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

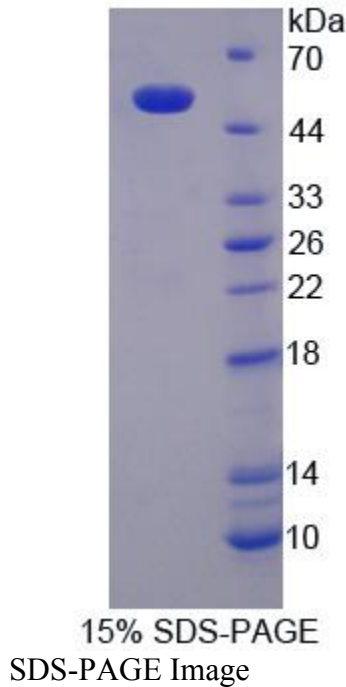
STORAGE

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



[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.