

Nucleobindin 1 Recombinant Protein | NUCB1 recombinant protein

Recombinant Nucleobindin 1 (NUCB1)

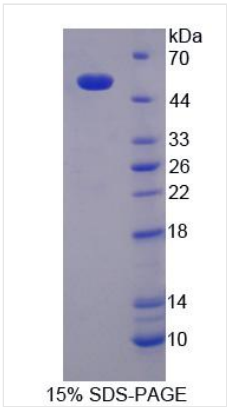
CATALOG # AAA145937	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Nucleobindin 1; Recombinant Nucleobindin 1 (NUCB1); NUC; CALNUC; NUCB1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 1000ug/mL (varies by lot)
Applicable Applications for NUCB1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Glu37~Glu450
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	4.8
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree 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 degree 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

YHRYLQEVID VLETGDFRE KLQAANAEDI KSGKLSRELD FVSHHVRTLK
DELKRQEVSR LRMLLKAKMD AEQDPNVQVD HLNLLKQFEH LDPQNHTEF
ARDLELLIQT ATROLAQYDA AHMEEFKRYE MLKEHERRY LESLGEEQRK
EAERKLEEQQ RRHREHPKVN VPGSQAQLKE VWEELDGLDP NRFNPKTFFI
LHDINSDGVL DEQEALFT KELEKVYDPK NEEDDMREME EERLRMRHV
MKNVDTNQDR LVTLEEFAS TQRKEFGDTG EGWETVEMHP AYTEEELRRF
EEELAAREAE LNAKAQRLSQ ETEALGRSQG RLEAQKRELQ QAVLHMEQRK
QQQQQQGHK APAAHPEGQL KFHPTDDVP VPAPAGQKE VDTSEKKLLE
RL

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	12803105
NCBI GeneID	4924
Molecular Weight	Predicted Molecular Mass: 52.5kDa Accurate Molecular Mass: 54kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Nucleobindin 1
NCBI Official Synonym Full Names	nucleobindin 1
NCBI Official Symbol	NUCB1
NCBI Official Synonym Symbols	NUC; CALNUC
NCBI Protein Information	nucleobindin-1
UniProt Protein Name	Nucleobindin-1
UniProt Gene Name	NUCB1
UniProt Synonym Gene Names	NUC
UniProt Entry Name	NUCB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/nucb1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145937>