

Nucleophosmin (NPM) Recombinant Protein | NPM recombinant protein

Recombinant Nucleophosmin (NPM)

CATALOG # AAA134378	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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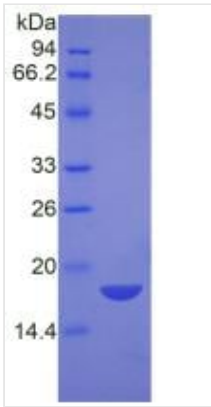
PRODUCT SYNONYMS

Nucleophosmin (NPM); Recombinant Nucleophosmin (NPM); NPM recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 300ug/mL (varies by lot)
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. GCELKA DKDYHFKVDN DENEHQLSLR TVSLGAGAKD ELHIVEAEAM NYEGSPIKVT LATLKMSVQP TVSLGGFEIT PPVVLRLKCG SGPVHISGQH LVAVEEDAES EDEEEEDVKL LSISGKRSAP GGGSKVPQK
Applicable Applications for NPM recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gly20~Lys154
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	5.4
Usage	Reconstitute in 10mM PBS (pH7.4) 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.

IMAGES



Sequence

G CELKADKDYH FKVDNDENEH QLSLRTVSLG
AGAKDELHIV EAEAMNVEGS PIKVTLATLK MSVQPTVSLG GFEITPPVVL
RLKCGSGPVH ISGQHLVAVE EDAESEDEEE EDVKLLSISG KRSAPGGGSK
VPQK

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	83641870
NCBI GeneID	4869
NCBI Accession #	NP_001032827.1
NCBI GenBank Nucleotide #	NM_001037738.2
UniProt Accession #	P06748; P08693; Q12826; Q13440; Q13441; Q14115; Q5EU94; Q5EU95; Q5EU96; A8K3N7; B5BU00; D3DQL6
Molecular Weight	Predicted Molecular Mass: 15.7kDa Accurate Molecular Mass: 18kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	nucleophosmin isoform 3
NCBI Official Synonym Full Names	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
NCBI Official Symbol	NPM1
NCBI Official Synonym Symbols	B23; NPM
NCBI Protein Information	nucleophosmin; nucleolar protein NO38; nucleophosmin/nucleoplasmin family, member 1
UniProt Protein Name	Nucleophosmin
UniProt Gene Name	NPM1
UniProt Synonym Gene Names	NPM; NPM
UniProt Entry Name	NPM_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.