

Nucleophosmin (NPM) Recombinant Protein | NPM recombinant protein

Recombinant Nucleophosmin (NPM)

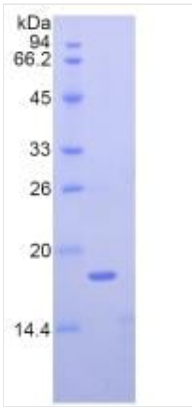
CATALOG # AAA134568	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSSEF-GC ELKADKDYHF KVDNDENEHQ LSLRTVSLGA GAKDELHIVE AEAMNYEGSP IKVTLATLKM SVQPTVSLGG FEITPPVVLRLKCGSGPVHI SGQHLVAVEE DAESEDEDEE DVKLLGMSGK RSAPGGGNKV PQK
Sequence Length	292
Applicable Applications for NPM recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Gly20~Lys154 (Accession # Q61937) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the targetprotein. 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 andprecipitation 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.



Sequence

G CELKADKDYH FKVDNDENEH QLSLRTVSLG
AGAKDELHIV EAEAMNYEGS PIKVTLATLK MSVQPTVSLG GFEITPPVVL
RLKCGSGPVH ISGQHLVAVE EDAESEDEDE EDVKLLGMSG KRSAPGGGNK
VPQK

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679108
NCBI GeneID	18148
NCBI Accession #	NP_032748.1
NCBI GenBank Nucleotide #	NM_008722.3
UniProt Accession #	Q61937
Molecular Weight	16.0kDa
NCBI Official Full Name	nucleophosmin isoform 1
NCBI Official Synonym Full Names	nucleophosmin 1
NCBI Official Symbol	Npm1
NCBI Official Synonym Symbols	B23; Npm; NO38
NCBI Protein Information	nucleophosmin; numatrin; nucleolar protein NO38; nucleolar phosphoprotein B23
UniProt Protein Name	Nucleophosmin
UniProt Gene Name	Npm1
UniProt Synonym Gene Names	NPM
UniProt Entry Name	NPM_MOUSE

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.