

NPM1 recombinant protein

NPM1, 1-294aa, Human, His tag, E Coli

CATALOG # AAA11821	HOST E Coli	APPLICATIONS SDS-Page
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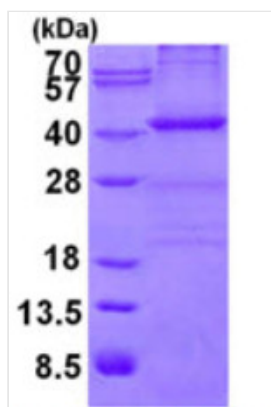
PRODUCT SYNONYMS

NPM1; 1-294aa; Human; His tag; E Coli; Nucleophosmin; B23; NPM; NPM1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol 0.15M NaCl, 1mM DTT
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MEDSMDMDMS PLRPQNYLFG CELKADKDYH FKVDNDENEH QLSLRTVSLG AGAKDELHIV EAEAMNYEGS PIKVTLATLK MSVQPTVSLG GFEITPPVVL RLKCGSGPVH ISGQHLVAVE EDAESEDEEE EDVKLLSISG KRSAPGGGSK VPQKKVKLAA DEDDDDDDEE DDEDDDDDDD FDDEEAEEKA PVKKSIRDTP AKNAQKSNQN GKDSKPSSTP RSKGQESFKK QEKTPKTPKG PSSVEDIKAK MQASIEKGGS LPKVEAKFIN YVKNCFRMTD QEAIQDLWQW RKSL
Sequence Length	294
Applicable Applications for NPM1 recombinant protein	SDS-PAGE
Tag Information	His-tag
Domain	1-294aa
Preparation and Storage	Can be stored at 2-8 degree C for 1 week. For long term storage, aliquot and store at -20 degree C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for NPM1 recombinant protein	NPM1 is a phosphoprotein which moves between the nucleus and the cytoplasm. It is thought to be involved in several processes including regulation of the ARF/p53 pathway. A number of genes are fusion partners have been characterized, in particular the anaplastic lymphoma kinase gene on chromosome 2. Mutations in NPM1 are associated with acute myeloid leukemia. Recombinant human NPM1 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for NPM1 recombinant protein	Epigenomics
References	Sagawa,F., et al. (2011) EMBO J. 30 (19), 3994-4005.; Neubauer,A., et al. (2011) Exp. Hematol. 39 (10), 1030-1042.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835063
NCBI GeneID	4869
NCBI Accession #	NP_002511
NCBI GenBank Nucleotide #	NM_002520.6
UniProt Accession #	P06748 ; P08693 ; Q12826 ; Q13440 ; Q13441 ; Q14115 ; Q5EU94 ; Q5EU95 ; Q5EU96 ; A8K3N7 ; B5BU00 ; D3DQL6
Molecular Weight	34.7 kDa (314aa) confirmed by MALDI-TOF
NCBI Official Full Name	nucleophosmin isoform 1
NCBI Official Synonym Full Names	nucleophosmin 1
NCBI Official Symbol	NPM1
NCBI Official Synonym Symbols	B23; NPM
NCBI Protein Information	nucleophosmin
UniProt Protein Name	Nucleophosmin
UniProt Gene Name	NPM1
UniProt Synonym Gene Names	NPM; NPM

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/npm1-recombinant-protein-e-coli-sds-page/11821>