

Recombinant Full Length Human NPM1 Protein

Cat. No. NPM1-346HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Nucleophosmin with N terminal proprietary tag, 58.45kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	295 amino acids
Description	This gene encodes a phosphoprotein which moves between the nucleus and the cytoplasm. The gene product 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 this gene are associated with acute myeloid leukemia. More than a dozen pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants.
Form	Liquid
Molecular Mass	58.450kDa inclusive of tags
AA Sequence	MEDSMDMDMSPLRPQNYLFGCELKADKDYHFKVDNDENEH QLSLRTVSLGAGAK DELHIVEAEAMNYEGSPIKVTLATLK MSVQPTVSLGGFEITPPVVLRLKCGSGPVHIS GQHLVAVE EDAESEDEEEEDVKLLSISGKRSAPGGGSKVPQKKVKLAA DEDDDDD DEEDDDDEDDDDDDFDDEEAEEKAPVKKSIRDTP AKNAQKSNQNGKDSKPSSTPRS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KGQESFKKQEKTPKTPKG PSSVEDIKAKMQASIEKGGSLPKVEAKFINYVKNCFRM
TD QEAIQDLWQWRKSL

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [NPM1 nucleophosmin \(nucleolar phosphoprotein B23, numatrin\) \[Homo sapiens \]](#)

Official Symbol [NPM1](#)

Synonyms NPM1; nucleophosmin (nucleolar phosphoprotein B23, numatrin); nucleophosmin; B23; NPM; nucleolar phosphoprotein B23; nucleophosmin/nucleoplasmin family; member 1; numatrin

Gene ID [4869](#)

mRNA Refseq [NM_001037738](#)

Protein Refseq [NP_001032827](#)

MIM [164040](#)

UniProt ID [P06748](#)

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