Recombinant Human Nucleophosmin/nucleoplasmin 3, GST-tagged

Cat. No. NPM3-1418H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human NPM3(NP_008924.1, 1 a.a. - 178 a.a.) protein was expressed with a GST tag. MW = 45.650002 kDa(415 aa).
Species	Human
Description	Nucleoplasmin-3 is a protein that in humans is encoded by the NPM3 gene.The protein encoded by this gene is related to the nuclear chaperone phosphoproteins, nucleoplasmin and nucleophosmin. It is highly homologous to the murine Npm3 gene. Based on the structural similarity of the human NPM3 gene product to nucleoplasmin and nucleophosmin, NPM3 may represent a new member of this gene family, and may share basic functions with the molecular chaperones.
Protein Sequence	MAAGTAAALAFLSQESRTRAGGVGGLRVPAPVTMDSFFFGCELSGHTRSFTFKVEEEDDAEHVLALTMLCLTEGAKDECNVVEVVARNHDHQEIAVPVANLKLSCQPMLSLDDFQLQPPVTFRLKSGSGPVRITGRHQIVTMSNDVSEEESEEEEEDSDEEEVELCPILPAKKQGGRP
Applications	Enzyme-linked immunoabsorbent assay,Western Blot (Recombinant protein),Antibody Production,Protein Array.
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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Storage	Store at -80°C.Aliquot to avoid repeated freezing and thawing. Best use within three months from the date of receipt of this protein.

GENE INFORMATION

Gene Name	NPM3 nucleophosmin/nucleoplasmin 3 [Homo sapiens]
Synonyms	NPM3; nucleophosmin/nucleoplasmin 3; nucleoplasmin-3; nucleophosmin/nucleoplasmin family, member 3; OTTHUMP00000020352; PORMIN; TMEM123
Gene ID	10360
mRNA Refseq	NM_006993
Protein Refseq	NP_008924
MIM	606456
UniProt ID	O75607
Chromosome Location	10q24.31
Function	nucleic acid binding IEA; protein binding

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