

Recombinant Human NPM2 Protein, His-tagged

Cat. No. NPM2-2501H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NPM2 Protein (Met1-Lys214) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Lys214
Description	Predicted to enable RNA binding activity; chromatin binding activity; and histone binding activity. Involved in several processes, including blastocyst development; oocyte differentiation; and regulation of cell cycle process. Located in chromatin and nucleus.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.9 kDa Accurate Molecular Mass: 35 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 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

Stability	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 centigrade 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	NPM2 nucleophosmin/nucleoplasmin 2 [Homo sapiens (human)]
Official Symbol	NPM2
Synonyms	NPM2; nucleophosmin/nucleoplasmin 2; nucleoplasmin-2; MGC78655;
Gene ID	10361
mRNA Refseq	NM_182795
Protein Refseq	NP_877724
MIM	608073
UniProt ID	Q86SE8

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