

## Recombinant Rat Npm2 Protein, His-tagged

**Cat. No.** Npm2-1845R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Npm2 Protein (Met1-Lys207) with N-His tag was expressed in E. coli.                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Met1-Lys207                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | Enables enzyme binding activity and identical protein binding activity. Involved in positive regulation of DNA metabolic process; positive regulation of DNA replication; and positive regulation of catalytic activity. Predicted to be located in chromatin and nucleus. Predicted to be active in cytoplasm; nucleolus; and nucleoplasm. Orthologous to human NPM2 (nucleophosmin/nucleoplasmin 2). |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 27 kDa<br>Accurate Molecular Mass: 34 kDa                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                                                                                                                             |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by                                                                                                                                                                                                                                                                                                                   |

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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 [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

Npm2

**Synonyms**

NPM2; nucleophosmin/nucleoplasmin 2; nucleoplasmin-2;

**Gene ID**

290359

**mRNA Refseq**

NM\_203340

**Protein Refseq**

NP\_976085

**UniProt ID**

Q7M6Z1

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