

Recombinant Rat Npm3 Protein, His-tagged

Cat. No. Npm3-1847R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Npm3 Protein (Ala7-Pro173) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ala7-Pro173
Description	Predicted to enable RNA binding activity; chromatin binding activity; and histone binding activity. Predicted to be involved in chromatin remodeling. Predicted to act upstream of or within rRNA processing and rRNA transcription. Predicted to be located in actin cytoskeleton and cytosol. Predicted to be active in cytoplasm; nucleolus; and nucleoplasm. Orthologous to human NPM3 (nucleophosmin/nucleoplasmin 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.1 kDa Accurate Molecular Mass: 25 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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	Npm3 nucleophosmin/nucleoplasmin, 3 [Rattus norvegicus (Norway rat)]
Official Symbol	Npm3
Synonyms	NPM3; nucleophosmin/nucleoplasmin, 3; RGD1565542;
Gene ID	502389
mRNA Refseq	NM_001401107
Protein Refseq	NP_001388036
UniProt ID	D3ZYK9

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