Recombinant Mouse Npm3 Protein, His-tagged

Cat. No. Npm3-1848M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Npm3 Protein (Ala6-Pro175) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala6-Pro175
Description	Predicted to enable RNA binding activity; chromatin binding activity; and histone binding activity. Acts upstream of or within rRNA processing and rRNA transcription. Located in nucleolus. Is expressed in several structures, including alimentary system; endocrine gland; male reproductive gland or organ; ovary follicle; and respiratory system. Orthologous to human NPM3 (nucleophosmin/nucleoplasmin 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.3 kDa Accurate Molecular Mass: 25 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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	Npm3 nucleoplasmin 3 [Mus musculus (house mouse)]
Official Symbol	Npm3
Synonyms	NPM3; nucleoplasmin 3; nucleoplasmin-3; Nub1;
Gene ID	18150
mRNA Refseq	NM_008723
Protein Refseq	NP_032749
UniProt ID	Q9CPP0

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