

Product information



NPM2, 1-214aa

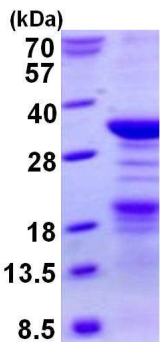
Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1676

Full name: nucleophosmin/nucleoplasmin 2

NCBI Accession No.: NP_877724

Description: NPM2, also known as nucleophosmin/nucleoplasmin 2, belongs to the nucleoplasmin family. This protein is core histones chaperone involved in chromatin reprogramming, especially during fertilization and early embryonic development. It probably involved in sperm DNA decondensation during fertilization. Recombinant human NPM2 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 2mM DTT</p> <p>Molecular Weight: 26.6 kDa (237aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)</p> <p>Purity: > 85% by SDS - PAGE</p> <p>Concentration: 0.5 mg/ml (determined by Bradford assay)</p>	 <p>(kDa) 70 57 40 28 18 13.5 8.5</p> <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>MGSSHHHHH SSGLVPRGSH MGSMLSSAS STEKAVTTV LWGCELSQER RTWTFRPQLE GKQSCRLLLH TICLGEKAKE EMHRVEILPP ANQEDKKMQP VTIASLQASV LPMVSMVG VQ LSPPVTFQLR AGSGPVFLSG QERYEASDLT WEEEEEEEGE EEEEEEEEDDE DEDADISLEE QSPVKQVKRL VPQKQASVAK KKKLEKEEEE IRASVRDKSP VKKAKATARA KKPQFKK</p>	

General references:

Platonova O., *et al.* (2011) *Biochemistry* 50:8078-8089

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:
Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA
Phone: (888) 523-1246 Fax.: (763) 780-2988
Email: info@ibl-america.com Web: www.ibl-america.com