

# Recombinant Pan-species (General) N Protein, His-tagged

**Cat. No.** N-2766P    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                              |
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| <b>Product Overview</b> | Recombinant Pan-species (General) NP Protein (LVPRGS+Met1-Ala419) with a N-His tag was expressed in 293F cell.                                                                                                                                                                                                                               |
| <b>Species</b>          | Pan-species                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | LVPRGS+Met1-Ala419                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | Nucleoprotein, conjugated protein consisting of a protein linked to a nucleic acid, either DNA (deoxyribonucleic acid) or RNA (ribonucleic acid). The protein combined with DNA is commonly either histone or protamine; the resulting nucleoproteins are found in chromosomes.                                                              |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 49.3 kDa<br>Accurate Molecular Mass: 60 kDa                                                                                                                                                                                                                                                                        |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                                                                                                                                                        |
| <b>Stability</b>        | 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. |

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|-------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| <b>Storage Buffer</b>   | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.                          |
| <b>Reconstitution</b>   | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                            |
| <b>GENE INFORMATION</b> |                                                                                                                              |
| <b>Official Symbol</b>  | NP                                                                                                                           |
| <b>Synonyms</b>         | Nucleoprotein; NP; N Protein                                                                                                 |

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