

# Recombinant HRSV-A (Strain S2) N Protein (Met1-Leu391), C-His tagged, Animal-free, Carrier-free

Cat. No. N-34H Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Human Respiratory Syncytial Virus A (RSV-A, Strain S2) Nucleocapsid Protein (Met1-Leu391) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.

**Species** HRSV-A

**Source** E.coli

**ProteinLength** Met1-Leu391

**Description** Human Respiratory Ryncytial Virus A nucleocapsid protein is the major complement of viral nucleocapsid. Viral nucleocapsid protein has an important role in adaptation between virus and host cells. Another important funtion of nucleocapsid protein is the encapsidation of viral genome. Viral nucleocapsid protein is a great target for viral detection which could be the assay of diagnostic method. Viral nucleocapsid protein also has function to mediate the cell cycle that help its genome replication.

**Form** Lyophilized

**Molecular Mass** The protein has a calculated MW of 44.3 kDa.  
The protein migrates as 40 kDa under reducing condition (SDS-PAGE analysis).

**Purity** >95% as determined by SDS-PAGE analysis.

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<b>Storage</b>	<p>This product is stable after storage at:</p> <p>-20 centigrade for 12 months in lyophilized state from date of receipt.</p> <p>-20 or -80 centigrade for 1 month under sterile conditions after reconstitution.</p> <p>Avoid repeated freeze/thaw cycles.</p>
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

## GENE INFORMATION

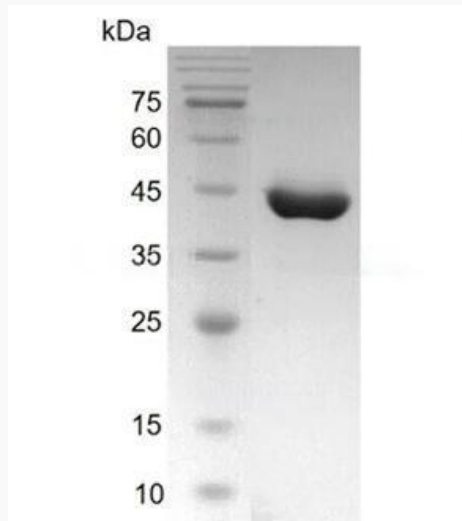
<b>Gene Name</b>	N Nucleoprotein (N) [ Respiratory syncytial virus ]
<b>Official Symbol</b>	N
<b>Synonyms</b>	N; Nucleoprotein (N);
<b>Gene ID</b>	<a href="http://www.ncbi.nlm.nih.gov/gene/1494470">www.ncbi.nlm.nih.gov/gene/1494470</a>
<b>Protein Refseq</b>	NP_044591
<b>UniProt ID</b>	A0A0A7E7T9

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**SDS-PAGE analysis  
of Human  
Respiratory  
Syncytial Virus A  
(RSV-A, Strain S2)  
nucleocapsid  
protein.**



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