

Recombinant RSV NP protein(Met1-Leu391), His-tagged

Cat. No. NP-424V Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human respiRatory syncytial virus (RSV) Nucleoprotein (Q6V2F2) (Met1-Leu391) was expressed in E. coli with a polyhistidine tag at the N-terminus. |
| Species | RSV |
| Source | E.coli |
| ProteinLength | Met1-Leu391 |
| Form | Lyophilized from sterile 50mM PB, 500mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Molecular Mass | The recombinant Human respiratory syncytial virus (RSV) Nucleoprotein consists of 398 amino acids and predicts a molecular mass of 44.39 kDa. It migrates as an approximately 39.79 kDa band in SDS-PAGE under reducing conditions. |
| Purity | > 90 % as determined by SDS-PAGE. |
| Storage | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

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