

## Nucleoprotein (N) Recombinant Protein | N recombinant protein

Recombinant Human SARS coronavirus Nucleoprotein (N)

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA115429</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

### PRODUCT SYNONYMS

Nucleoprotein (N); Recombinant Human SARS coronavirus Nucleoprotein (N); N recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                                                                                                               |
| Sequence Positions      | 1-422. Full Length                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sequence                | MSDNGPQSNQ RSAPRITFGG PTDSTDNNQN GGRNGARPKQ RRPQGLPNNT ASWFTALTQH GKEELRFPRG QGVPINTNSG PDDQIGYYRR ATRRVRGGDG KMKELSPRWY FYLGTGPEA SLPYGANKEG IWWVATEGAL NTPKDHIGTR NPNNNAATVL QLPQGTTLPK GFYAEGSRGG SQASSRSSR SRGNSRNSTP GSSRGNSPAR MASGGGETAL ALLLLDRLNQ LESKVSQKGG QQQGQTVTKK SAAEASKKPR QKRTATKQYN VTQAFGRRGP EQTQGNFGDQ DLIRQGTDYK HWPQIAQFAP SASAFFGMSR IGMEVTPSGT WLTYHGAIKL DDKDPQFKDN VILLNKHIDA YKTFPPTEPK KDKKKKTDEA QPLPQRQKKQ PTVTLLPAAD MDDFSRQLQN SMSGASADST QA |
| Species                 | Human SARS coronavirus (SARS-CoV) (Severe acute respiratory syndrome coronavirus)                                                                                                                                                                                                                                                                                                                                                                                              |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                                                                                                                            |

### NCBI AND UNIPROT INFORMATION

|                            |                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                  | <a href="#">29836503</a>                                                                                                   |
| NCBI GeneID                | <a href="#">1489678</a>                                                                                                    |
| NCBI Accession #           | <a href="#">NP_828858.1</a>                                                                                                |
| NCBI GenBank Nucleotide #  | <a href="#">NC_004718.3</a>                                                                                                |
| UniProt Accession #        | <a href="#">P59595</a> ; <a href="#">Q7T3Z4</a> ; <a href="#">Q7TA14</a> ; <a href="#">Q7TF99</a> ; <a href="#">Q80E50</a> |
| Molecular Weight           | 46,025 Da                                                                                                                  |
| NCBI Official Full Name    | nucleocapsid protein                                                                                                       |
| NCBI Official Symbol       | N                                                                                                                          |
| NCBI Protein Information   | nucleocapsid protein                                                                                                       |
| UniProt Protein Name       | Nucleoprotein                                                                                                              |
| UniProt Gene Name          | <b>N</b>                                                                                                                   |
| UniProt Synonym Gene Names | NC; Protein N                                                                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

