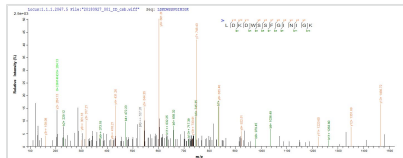
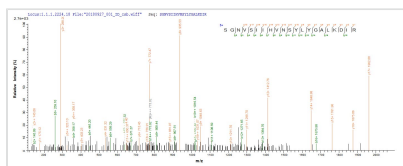




# Recombinant Vesicular stomatitis Indiana virus Nucleoprotein (N)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-EP319266VBG                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Abbreviation</b>      | Recombinant Vesicular stomatitis Indiana virus N protein                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                               |
| <b>Uniprot No.</b>       | P11212                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen Species</b> | Vesicular stomatitis Indiana virus (strain Glasgow) (VSIV)                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>            | ≥ 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Sequence</b>          | MSVTVKRIIDNTVIVPKLPANEDPVEYPADYFRKSKEIPLYINTTKSLSDLRGYVY<br>QGLKSGNVSIHVNSYLYGALKDIRGKLDKDWSSFGINIGKAGDTIGIFDLVSLK<br>GLDGVLPDGVSDASRTRADDKWLPLYLLGLYRVGRTQMPEYRKKLMDGLTN<br>QCKMINEQFEPLVPEGRDIFDVWGNDSNYTKIVAAMDFFHMFKKHECASFR<br>YGTVSRFKDCAALATFGHLCKITGMSTEDVTTWILNREVADEMVMMLPGQE<br>IDKADSYMPYLIDFGLSSKSPYSSVKNPAFHFWGQLTALLRSTRARNARQPD<br>DIEYTSLTAGLLYAYAVGSSADLAQQFCVGD SKYTPDDSTGGLTTNAPPQGR<br>DVVEWLGWFEDQNRKPTPDMMQYAKRAVMSLQGLREKTIGKYAKSEFDK |
| <b>Research Area</b>     | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Target Names</b>      | N                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Protein Names</b>     | Recommended name: Nucleoprotein Short name= NP Alternative name(s):<br>Nucleocapsid protein Short name= Protein N                                                                                                                                                                                                                                                                                                                                             |
| <b>Expression Region</b> | 1-422aa                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                           |
| <b>Tag Info</b>          | N-terminal 10xHis-tagged and C-terminal Myc-tagged                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Mol. Weight</b>       | 54.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Length</b>    | Full Length                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Image</b>             |  <p>Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP319266VBG could indicate that this peptide derived from E.coli-expressed Vesicular stomatitis Indiana virus (strain Glasgow) (VSIV) N.</p>                                                                                                                 |



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## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## Shelf Life

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