

## Recombinant Rotavirus A (strain RVA/Cow/United States/NCDV-Lincoln/1969/G6P6[1]) VP4 Protein, His & Myc-tagged

**Cat. No.** VP4-320R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rotavirus A (strain RVA/Cow/United States/NCDV-Lincoln/1969/G6P6[1]) VP4 Protein(248-480aa), fused with N-terminal 10xHis tag and C-terminal Myc tag, was expressed in E. coli.                                                                 |
| <b>Species</b>          | Rotavirus A                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 248-480aa                                                                                                                                                                                                                                                   |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                       |
| <b>Molecular Mass</b>   | 33.2 kDa                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | AQPNQDIVVSKTSLWKEMQYNRDIVIRFKFANSIIKSGGLGYKWSEVSFKPANYQYT<br>YTRDGEEVTAHTTCSVNGINDFNYNNGGSLPTDFVISKEYEVIKENSFVYIDYWDDSQ<br>FRNMVNVRSLAADLNSVMCTGGDYSFALPVGNYPVMTGGAVSLHSAGVTLSTQFT<br>DFVSLNSLRFRFRLSVEEPPFSILRTRVSGLYGLPAARPNNNSQEYYEIAGRFSLISLVP<br>SNDDY |

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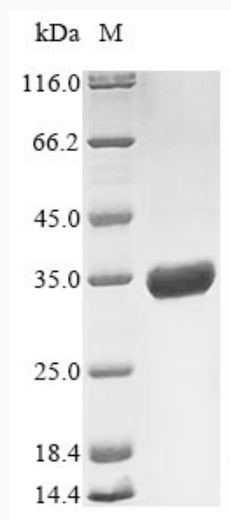
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|                       |                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Notes</b>          | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                         |
| <b>Storage</b>        | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                    |
| <b>Reconstitution</b> | 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. |

## GENE INFORMATION

**UniProt ID** [P17465](#)

**SDS-PAGE of VP4-320R**



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