

Recombinant Rotavirus A (strain RVA/Cow/United States/NCDV-Lincoln/1969/G6P6[1]) Intermediate capsid protein VP6, His-tagged

Cat. No. VP6-334R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rotavirus A (strain RVA/Cow/United States/NCDV-Lincoln/1969/G6P6[1]) Intermediate capsid protein VP6(A7J3A1)(1-397aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Rotavirus A
Source	E.coli
ProteinLength	1-397aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	50.8 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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

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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.

AA Sequence

MDVLYSLSKTLKDARDKIVEGTLYSNVSDLIQQFNQMIITMNGNEFQTGGIGNLPIRN
WNFDFGLLGTTLLNLDANYVETARNTIDYFVDFVDNVCMDENVRESQRNGIAPQSD
SLRKLSGLKFKRINFDNSSEYIENWNLQNRQRGTGTFHKPNIFPYSASFSLNRSQP
AHDNLMGTMWLNAGSEIQVAGFDYSCAINAPANTQQFEHIVQLRRVLTTATITLLPD
AERFSFPRVINSADGATTWYFNPVILRPNNVEVEFLLNGQIINTYQARFGTIIARNFDTI
RLSFQLMRPPNMTPAVAALFPNAQPFEHHATVGLTLRIESAVCESVLADASETMLAN
VTSVRQEYAIPVGPVFPPGMNWDLTITNYSREDNLQRVFTVASIRSMLVK

SDS-PAGE

