

Rubella virus E2 (31-105) - Purified

Catalog No.: AR10685PU-N

Quantity: 0.5 mg

Concentration: 1.0 mg/ml

Background: The rubella virus (RV) structural proteins capsid, E2, and E1 are synthesized as a polyprotein precursor. The signal peptide that initiates translocation of E2 into the lumen of the endoplasmic reticulum remains attached to the carboxy terminus of the capsid protein after cleavage by signal peptidase.

Source: E. coli

Format: **Purity:** >95.0% pure as determined by 10.0% PAGE (coomassie staining).

Purification Method: Ion Exchange Chromatography.

Buffer System: 20mM Imidazol, 8M Urea, 0.3 M NaCl

Applications: Antigen in ELISA and Western blots, excellent antigen for detection of Rubella virus with minimal specificity problems.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Description: *E.coli* derived recombinant. The protein contains the Rubellavirus E2 regions.

Specificity: Immunoreactive with sera of Rubella virus-infected individuals.

Storage: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.