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- Mindermengenzuschlag
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Recombinant Rubella Virus E1 Mosaic

CLRUB291
CLRUB291-2
CLRUB291-3
Lot:

Introduction: Rubella virus is an enveloped positive-strand RNA virus of the family TOGAVIRIDAE: Virions are composed of three structural proteins: a capsid and two membrane-spanning glycoproteins, E2 and E1. During virus assembly, the capsid interacts with genomic RNA to form nucleocapsids. 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.

Description: The *E.Coli* derived recombinant protein contains the Rubella Virus E1 regions, 157-176, 374-390, 213-239 amino acids.

Purification Method: Rubella protein was purified by proprietary chromatographic technique.

Purity: Rubella protein is >95% pure as determined by 10% PAGE (Coomassie staining).

Presentation: 100 µg (CLRUB291), 500 µg (CLRUB291-2), or 1000 µg (CLRUB291-3) in solution containing 20 mM imidazol, 8 M urea and 0.3 M NaCl.

Storage: Rubella Protein is shipped at ambient temperature. Upon arrival, Store at -20°C.

Stability: Five years frozen. One month in solution at room temperature.

Specificity: Immunoreactive with sera of Rubella Virus infected individuals.

Applications: Rubella antigen is suitable for ELISA and Western blots, excellent antigen for detection of Rubella Virus with minimal specificity problems.

Laboratory Reagent For Research Use Only

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