

Rubella E2

Description: The E.Coli derived recombinant protein contains the Rubella Virus E2 regions, 31-105 amino acids.

Catalog #: RUPS-299

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

For research use only.

Purification Method:

Rubella protein was purified by proprietary chromatographic technique.

Specificity:

Immunoreactive with sera of Rubella Virus infected individuals.

Formulation:

20mM imidazol, 8M urea and 0.3M NaCl.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

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

Introduction:

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.

Storage:

Rubella protein although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

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