Recombinant Rubella Virus E2 (aa 31-105)

Catalog No.	CSI15869A	**Quantity:**	100 µg
	CSI15869B		0.5 mg
	CSI15869C		1.0 mg

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

Source: *E. coli*

Formulation: 20 mM imidazol + 8 M urea and 0.3 M NaCl.

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

Purification Method Rubella protein was purified by proprietary chromatographic technique.

Specific Activity: Immunoreactive with sera of Rubella Virus infected individuals.

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

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

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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