

Recombinant Rubella Virus E1 Mosaic, GST Tag

Catalog No.	CSI15868A	Quantity:	100 µg
	CSI15868B		0.5 mg
	CSI15868C		1.0 mg

Description: 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.

Concentration: 1.0 mg/ml

Source: *E. coli* derived recombinant protein contains the Rubella Virus E1 regions, 157-176, 374-390, 213-239 amino acids, with a GST tag.

Formulation: PBS

Purity: >90%, determined by SDS-PAGE

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

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

Storage & Stability: Upon receipt, prepare aliquots and store at -20°C to -80°C.
Avoid repeated 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.

