
Product Data Sheet

Product Name: Rubella E1

Cat. No.: GP25461

Batch No.: 1

Product Data

Purity >98%

Source

Physical Appearance solid

Shipping Condition Shipped with Ice Packs.

Formulation 1xpbs.

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.

Stability

Rubella E1 Protein although stable at 4°C for 1 week, should be stored below -18°C . Please prevent freeze thaw cycles.

Background

The E.Coli derived recombinant protein contains the Rubella Virus E1 regions, 157-176, 374-390, 213-239 amino acids. The protein is fused to a GST-tag.

Caution: Product has not been fully validated for medical applications. For research use only.

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