
Product Data Sheet

Product Name: CMV Pp65, 561 a.a.

Cat. No.: GP26434

Batch No.: 1

Product Data

Purity >98% Source Escherichia Coli.

Physical Appearance solid Shipping Condition withIcePacks

Formulation 25mM Tris-Hcl pH 8, 8M Urea, 5mM bMe.

Introduction

CMV is part of the Betaherpesvirinae subfamily of Herpesviridae; including herpes simplex virus types 1 and 2, varicella-zoster virus, and Epstein-Barrvirus. The herpesviruses has the common ability to stay latent over long periods of time. CMV has the largest genome of the herpes viruses, ranging from 230-240 kilobase pairs. CMV is a double-stranded linear DNA virus with 162 hexagonal protein capsomeres surrounded by a lipid membrane. Human CMV is composed of unique and inverted repeats that include the existence of 4 genome isomers caused by inversion of L-S genome components (class E). Replication may be divided into immediate early, delayed early, and late gene expression based on time of synthesis after infection. The DNA is replicated by rolling circles. In vitro, CMV replicates in human fibroblasts.

Stability

CMV Pp65 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 62.8 kDa recombinant protein contains the CMV Pp65 (UL83) immunodominant regions, having 561 amino acids.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA