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32-13835: CMV Pp38

Description

Source:Escherichia Coli.
Physical Appearance:null
Biological Activitynull
CMV belongs to the Betaherpesvirinae subfamily of Herpesviridae which includes herpes simplex virustypes 1 and 2, varicella-zoster virus, and Epstein-Barrvirus. The herpesviruses share a characteristic ability to remain latentover long periods. CMV is a double-stranded linear DNA virus with 162 hexagonal protein capsomeres surrounded by a lipid membrane. CMV has the largest genome of the herpes viruses, ranging from 230-240 kilobase pairs. 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.
The E.Coli derived 52.8kDa recombinant protein contains the CMV Pp38 (UL80a) immunodominant regions, 117-373 amino acids and fused to a GST-Tag at C-terminus.

Product Info

Amount :	0.5 mg / 100 µg
Purification :	CMV Pp38 protein is >95% pure as determined by 10% PAGE (coomassie staining).
Storage condition :	CMV Pp38 Protein although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.