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32-5535: Recombinant Cytomegalo Virus Pp52 (UL44)

Description

Source : Escherichia Coli. The E.coli derived 51 kDa recombinant protein contains the CMV Pp52 (UL44) immunodominant regions, 202-434 amino acids. Recombinant CMV-Pp52 is fused to a 26 kDa GST tag. 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.

Product Info

Amount :	0.5 mg
Purification :	CMV Pp52 protein is >95% pure as determined by 10% PAGE (coomassie staining).
Content :	50mM Tris pH 7.2, 1mM EDTA and 50% glycerol.
Storage condition :	CMV Pp52 protein although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.