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Datasheet for ABIN2648114 **LCP1 Protein (GST tag)**

Overview

Quantity:	100 µg
Target:	LCP1
Origin:	Cytomegalovirus (CMV)
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This LCP1 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA

Product Details

Characteristics:	Purified recombinant CMV Pp65 protein Expression System: E.coli
Purification:	Proprietary chromatographic technique
Purity:	> 95 % pure

Target Details

Target:	LCP1
Alternative Name:	Pp65 (LCP1 Products)
Background:	CMV belongs to the Beta herpes virinae subfamily of Herpes viridae which includes herpes simplex virus types 1 and 2, varicella-zoster virus, and Epstein-Barr virus. The herpes viruses share a characteristic ability to remain latent over long periods. CMV is a double-stranded linear DNA virus with 162 hexagonal protein capsomeres surrounded by a lipid membrane. CMV has

Target Details

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. Alternative Names: UL83 protein, CMV Pp 65 protein, Cytomegalovirus pp65 Tegument Protein (UL83), CMV pp65 UL83 protein, CMV Pp-65 protein, Cytomegalovirus Pp65 protein, CMV Pp-65, CMV Pp 65, CMV Pp65

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	25 mM tris-Hcl, pH 7.2, with 5 mM EDTA and 50 % glycerol.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage.