

CMV Pp65 recombinant protein

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CATALOG # AAA75429	HOST Escherichia Coli	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

CMV Pp65; CMV Pp65 protein; 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 recombinant protein

PRODUCT SPECIFICATIONS

Host	Escherichia Coli
Purity/Purification	> 95% pure by SDS-PAGE.
Form/Format	Liquid in 50mM Tris-HCl with 10mM Glutathione 60mM NaCl, 0.125% Sarcosil and 50% Glycerol.
Concentration	1.0 mg/mL (varies by lot)
Applicable Applications for CMV Pp65 recombinant protein	ELISA, WB (Western Blot)
Protein Type	Recombinant
Biohazard	Use standard laboratory precautions when handling this material.
Biological Significance	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 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.
Expression System	E Coli
Tag/Conjugate	GST tag
Residues	The E.Coli derived 52.2 kDa recombinant protein contains the CMV Pp65 (UL83) immunodominant regions, 297-510 amino acids. Recombinant CMV-Pp65 is fused to a 26 kDa GST tag
Preparation and Storage	Store at 4°C for short term, -20°C for long term. Avoid freeze-thaws.

ADDITIONAL INFORMATION

Related Product Information for CMV Pp65 recombinant protein	Purified recombinant CMV Pp65 protein
Product Categories/Family for CMV Pp65 recombinant protein	Infectious Disease

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.