Recombinant Cytomegalo Virus Mosaic Protein

Cat. No. Mosaic-731C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The E.coli derived recombinant artificial mosaic protein contains the CMV gB immunodominant regions, 60-81aa of gB protein strain AD169 repeated three times.
Species	Cytomegalo Virus
Source	E.coli
ProteinLength	60-81 a.a.
Description	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 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.
Form	25 mM Tris-HCl pH 8.0, 1 mM EDTA and 50% glycerol
Purity	> 95 % (SDS-PAGE)

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Applications	ELISA; Western Blot
Storage	Store at -20 centigrade, avoid freeze/thaw cycles.

GENE INFORMATION

Official Symbol	Mosaic
Synonyms	Mosaic

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