

## Recombinant Cytomegalovirus pp52 (UL44)

### ORDERING INFORMATION

Catalog No.	Size
94312P-100	100ug
94312P-500	500ug
94312P-1000	1000ug

### FORMULATION

Purified recombinant CMV pp52 (UL44) in 50mM Tris, pH 7.2, 1mM EDTA, and 50% glycerol; purity >95% as determined by 10% PAGE (Coomassie staining).

### BACKGROUND

Human cytomegalovirus (HCMV) is a double-stranded DNA enveloped virus that can establish latent infection and cause disease in immunocompromised individuals. pp52 (UL44), a nonstructural protein, binds double-stranded DNA and is an essential accessory protein for viral gene expression. The complex structure of the UL44 promoter, with three TATA elements and one that is active at only late times after infection, is necessary for efficient viral growth during HCMV infection.

### DESCRIPTION

Recombinant HCMV pp52 (UL44, 51kDa) is produced in *E. coli* and contains immunodominant aa 202-434; it is fused to a 26kDa GST tag and is purified by proprietary chromatographic techniques. This product is reactive with sera collected from CMV-infected individuals.

### STORAGE AND STABILITY

This product is stable at 4°C for one (1) week, but storage at ≤-20°C is recommended.

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*