CMV pp150 (residues 1011-1048)
Cytomegalo Virus Phosphoprotein 150 recombinant, E. coli

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<tr>
<th>Cat. No.</th>
<th>Amount</th>
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<td>PR-1252</td>
<td>100 µg</td>
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For in vitro use only
Quality guaranteed for 12 months
Store at -20°C

Avoid freeze / thaw cycles

Form
Liquid. Supplied in 25 mM Tris-HCl pH 7.2, 1 mM EDTA and 50% glycerol.

Application
Antigen in ELISA and Western blots, excellent antigen for detection of CMV with minimal specificity problems.

Specificity
Immunoreactive with sera of CMV-infected individuals.

Purity
>95% by SDS-PAGE

Description
The protein contains the CMV pp150 immunodominant regions, amino acids 1011-1048. The protein is purified by proprietary chromatographic technique.

Background
Human cytomegalovirus (HCMV), a member of the herpesvirus family, demonstrates cell specificity for virus assembly and release. The human cytomegalovirus (HCMV) basic phosphoprotein pp150, encoded by the UL32 gene, together with the two other major phosphoproteins, pp65 (ppUL83) and pp71 (ppUL82) and several minor structural proteins, form the tegument around the viral nucleocapsid. Western blot analysis of isolated cell fractions showed that pp150 is initially (48 h post-infection) localized in the nucleus, associated either with the nuclear membrane or with viral assembly regions, and later (72 h post-infection) in the cytoplasm.

Selected References: