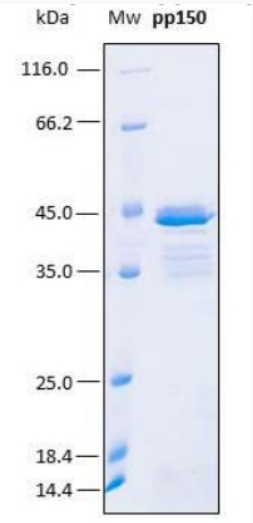
Recombinant CMV UL32 Antigen, His&GST tagged

Cat. No. UL32-064C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The CMV antigen pp150 has been prepared as a truncated recombinant antigen with the first epitope formed by aa 595 to 636 and fused to a GST and a his-tag in its N-terminal. It is produced from the UL32 gene which codifies the large structural phosphoprotein of CMV.
Species	CMV
Source	E.coli
Description	pp150 (UL32) is a basic phosphoprotein, one of the matrix components. It has been described as highly immunogenic, apparently more so than any other of the HCMV structural proteins.
Tag	N-His&GST
Molecular Mass	Determined by SDS-PAGE, the protein band is between molecular markers of 35-45 kDa, while relative molecular mass calculated from amino acid sequence is 36,244.38 Da.
Purity	> 95% by observation on SDS-PAGE electrophoresis
Applications	WB, DB, IE, DE, CLIA, LF
Storage	Upon arrival, it should be aliquoted to avoid repeated freezing and thawing cycles and stored at -20 to -80 centigrade. In order to defrost the protein, maintain the aliquot at

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	25 centigrade without shaking to avoid aggregation.
Storage Buffer	20 mM phosphate buffer pH 8, 0.15 M NaCl and 0.1 % polyoxyethylene (10) tridecyl ether
Concentration	2.92 mg/mL
Shipping	Protein is shipped with dry ice.
Reference	1. Jahn, G., Kouzarides, T., Mach, M., Scholl, B.-C., Plachter, B., Traupe, B., Preddie, E., Satchwell, S.C., Fleckenstein, B. and B. G. Barrell. Map position and nucleotide sequence of the gene for the large structural phosphoprotein of Human Cytomegalovirus. 1987. J. of Virol., 61, 1358-1367. 2. Gill SC, von Hippel PH. Calculation of protein extinction coefficients from amino acid sequence data. Anal Biochem. 1989 Nov 1;182(2):319-26.
Purity	 SDS-PAGE analysis (15%) of 3 µL of recombinant pp150. Purity is approx. 95% as

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	determined by gel electrophoresis.

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