

pp52 Recombinant Protein | UL44 recombinant protein

RECOMBINANT ANTIGEN pp52 from Cytomegalovirus (CMV)

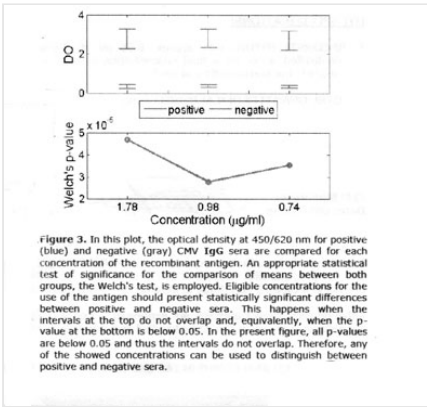
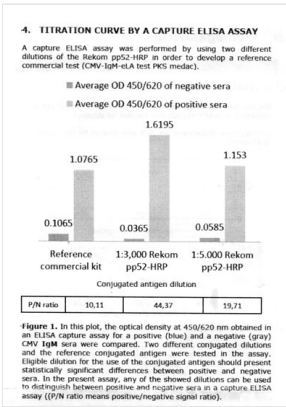
CATALOG # AAA72859	HOST E Coli	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

pp52; RECOMBINANT ANTIGEN pp52 from Cytomegalovirus (CMV); UL44 recombinant protein

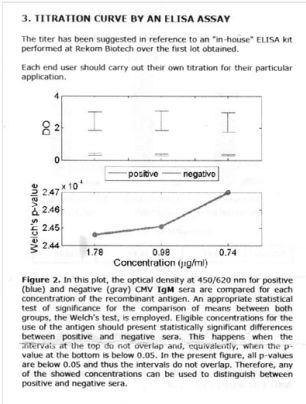
PRODUCT SPECIFICATIONS

Host	E Coli
Form/Format	Dry powder (lyophilized)
Concentration	1.32 mg/ml (varies by lot)
Sequence Length	119
Applicable Applications for UL44 recombinant protein	WB (Western Blot), ELISA
Observations	Proteins should be maintained frozen at high concentrations. The dilution to be performed for ELISA assays should be made with a small quantity of protein, the same day of the experiment. In order to defrost the protein, maintain the aliquot at 25 degree C without shaking to avoid aggregation. Prior making test dilutions and after defrost the protein, is recommended to remove possible protein aggregates by centrifuging the stock solution, avoiding alterations in the immobilization of the biomolecule to the solid surface.
Organism	CMV
Antigen	pp52-truncated
Recombinant Antigen	CMV phosphoprotein of 52 kDa (Maine et al., 2000).
Reconstitution	With approx. 0.66 ml of sterile double-distilled water for a final concentration of approx. 1.32 mg/ml. The protein will be at pH8.
Batch Composition	Componets: his-pp52 Composition: recombinant antigen with his-tag in its N-terminus
Preparation and Storage	Protein is shipped at room temperature. Upon arrival, it should be stored at 4°C or -20°C. Once reconstituted, it should aliquoted in order to avoid repeated freezing and thawing cycles and stored at -20°C to -80°C.

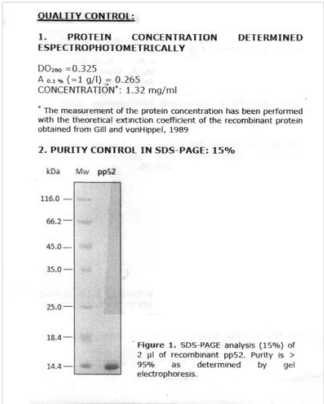


Application Data

Application Data



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for UL44 recombinant protein	The CMV antigen pp52 has been prepared as a truncated recombinant antigen fused to a his-tag in its N-terminal. It is produced from the UL44 gene which codifies the DNA polymerase processivity subunit of CMV.
Product Categories/Family for UL44 recombinant protein	Virus
References	Maine, G.T., R. Stricker, M. Schuler, J. Spesard, S. Brojanac, B. Iriarte, K. Herwig, T. Gramins, B. Combs, J. Wise, H. Simmons, T. Gram, J. Lonze, D. Ruzicki, B. Byrne, J. D. Clifton, L. E. Chovan, D. Wachta, C. Holas, D. Wang, T. Wilson, S. Tomazic-Allen, M. A. Clements, G. L. Wright, Jr., T. Lazzarotto, A. Ripalti, andM. P. Landini. Development and Clinical Evaluation of a Recombinant-Antigen-Based Cytomegalovirus Immunoglobulin M Automated Immunoassay Using the Abbott AxSYM Analyzer. 2000, J Clin Microbiol., 38(4):1476-1481. Gill SC, von Hippel PH. Calculation of protein extinction coefficients from amino acid sequence data. Anal Biochem. 1989 Nov 1;182(2):319-26.

NCBI AND UNIPROT INFORMATION

NCBI GI #	325073674
Molecular Weight	Determined by SDS-PAGE, the protein band is between molecular markers of 14,400 Da, while relative molecular mass calculated from amino acid sequence is 11,251.1 Da.
NCBI Official Full Name	PP52
UniProt Protein Name	PP52
UniProt Entry Name	F1AXA5_ORFV

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.

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Online datasheet: <https://stage.aaabiotech.com/pp52-recombinant-protein-e-coli-wb-western-blot-elisa/72859>