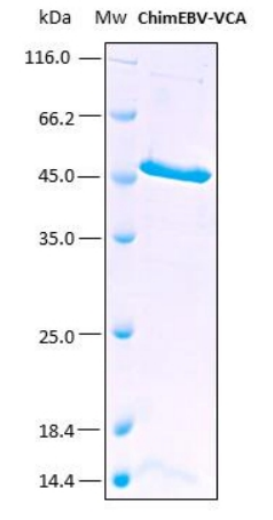
Recombinant EBV chimeric viral capsid antigen, His&TrxA tagged

Cat. No. VCA-085E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant chimeric viral capsid antigen ChimEBV-VCA for Epstein-Barr Virus (EBV) has been prepared as a recombinant multi-epitope antigen fused to a his-tag and trxA at the N-terminal.
Species	EBV
Source	E.coli
Tag	N-His&TrxA
Molecular Mass	Determined by SDS-PAGE, the protein band is between molecular markers of 45-66.2 kDa, while relative molecular mass calculated from amino acid sequence is 43,041.44 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 25 centigrade without shaking to avoid aggregation.
Storage Buffer	20 mM phosphate buffer pH 7, 0.15 M NaCl and 0.1% polyoxyethylene (10) tridecyl ether

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Concentration	1.06 mg/mL
Shipping	Protein is shipped with dry ice.
Reference	1. Wout M. J. Van Grunsven, Erika C. Van Heerde, Hans J. W. De Haard, Willy J. M. Spaan and Jaap M. Middeldorp. Gene Mapping and Expression of Two Immunodominant Epstein-Barr Virus Capsid Proteins. 1993, J. of Virology, p. 3908-3916. 2. Färber, I., Hinderer, W., Rothe, M. Lang, D., Sonneborn, H.H. and Wutzler, P. Serological diagnosis of Epstein-Barr virus infection by novel ELISAs based on recombinant capsid antigens p23 and p18. 2001, J. Med. Virol, 63: 271-6. 3. 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 5 µL of recombinant chimeric ChimEBV-VCA. Purity is > 95% as determined by gel electrophoresis.

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