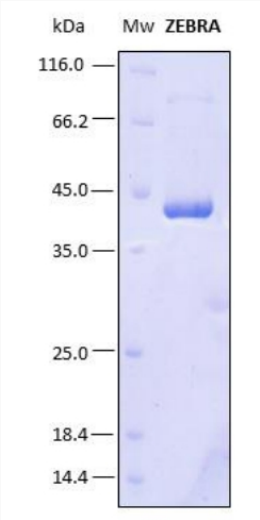
Recombinant EBV BZLF1 Antigen, His tagged

Cat. No. BZLF1-011E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The EBV gene BZLF1 has been expressed as a recombinant antigen zebra. It is produced from the complete ORF of the bZIP transcription factor.
Species	EBV
Source	E.coli
Description	The protein ZEBRA is a component of the EA complex, also called EB1, which is encoded by the EBV immediate early gen BZLF1. Zebra antibodies are a good marker for detecting the occurrence of EBV reactivation.
Tag	N-His
Molecular Mass	Determined by SDS-PAGE, the protein band is at the molecular marker is between molecular markers of 45 kDa and 35 kDa, while relative molecular mass calculated from amino acid sequence is 35,081.1 Da.
Purity	> 95% by observation on SDS-PAGE electrophoresis
Applications	WB, DB, IE, DE
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.

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Storage Buffer	20 mM phosphate buffer pH 7, 0.15 M NaCl, 0.1% polyoxyethylene (10) tridecylether and 4 M urea
Concentration	1.27 mg/mL
Shipping	Protein is shipped with dry ice.
Reference	1. Yamauchi Y, Y. Tachiband, A. Maeda, H. Wakiguchi, M. Usui, T. Kurata and T. Sairenji. Evaluation of antibodies to the Epstein-Barr virus immediate early gene product ZEBRA by a new enzyme-linked immunosorbent assay. 1998, Intervirology, 41:278-284. 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 5 µL of recombinant ZEBRA. Purity is > 98% as determined by gel electrophoresis.

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