

Product datasheet

Recombinant EBV p23 protein ab68365

Overview

Product name	Recombinant EBV p23 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Species	Epstein-Barr virus
Amino acids	1 to 162
Tags	GST tag C-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab68365** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Biological activity This protein is immunoreactive with sera of EBV-infected individuals.

Applications Western blot

ELISA

SDS-PAGE

Purity > 95 % SDS-PAGE.

This protein was purified by proprietary chromatographic techniques.

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Preservative: None

Constituents: 50% Glycerol, 25mM Glycine, pH 9.6

This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Relevance

The Epstein Barr virus (EBV) is a human herpes virus 4 (HHV4) that infects and establishes latency in B-lymphocytes. Primary infection leads to a life-long past infection which is normally asymptomatic. EBV expresses a number of genes, however, Epstein Barr nuclear antigen 1 (EBNA1) p72 is the only viral protein which characterizes EBV past-infection. p23 is one of the two small viral capsid antigens (VCA). EBV p23 is a viral late complex associated with virion particles and consists of two gene products, BFRF3 and BLRF2. EBV has a worldwide distribution, with over 90% of the adult population showing evidence of past infection. The virus, acquired during childhood, usually causes no symptoms. However, in Western societies, 10 to 20% of adolescents and young adults develop acute infectious mononucleosis (IM). In humans, EBV is also associated with cancer, in particular Burkitt's lymphoma, nasopharyngeal carcinoma, Hodgkin's disease, and immunoblastic lymphoma.

Cellular localization

virion

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