Recombinant EBV EBVP18 protein, GST-tagged

Cat. No. EBVP18-56E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The E.Coli derived recombinant mosaic protein contains the HHV-4 p18 regions, 1-119 amino acids and fused to a GST-Tag at C-terminus.
Species	EBV
Source	E.coli
ProteinLength	1-119 amino acids
Description	The Epstein-Barr virus (EBV), also called Human herpes virus 4 (HHV-4), is a virusof the herpes family(which includes Herpes simplex virusand Cytomegalovirus. On infecting the B-lymphocyte, the linear virus genome circularizes and the virus subsequently persists within the cell as an episome. The virus can execute several distinct programs of gene expressionwhich can be broadly categorized as being lytic cycle or latent cycle. The lytic cycleor productive infection results in staged expression of a host of viral proteinswith the ultimate objective of producing infectious virions. Formally, this phase of infection does not inevitably lead to lysis of the host cellas EBV virions are produced by budding from the infected cell. The latent cycle(lysogenic) programs are those that do not result in production of virions. A very limited, distinct set of viral proteins are produced during latent cycle infection. These include Epstein-Barr nuclear antigen(EBNA)-1, EBNA-2, EBNA-3A, EBNA-3B, EBNA-3C, EBNA-leader protein (EBNA-LP) and latent membrane proteins(LMP)-1, LMP-2A and LMP-2B and the Epstein-Barr encoded RNAs(EBERs).

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Form	(1mg/ml) 50mM Tris-HCl pH 8.0, 60mM NaCl and 50% glycerol.
Purity	EBV-p18 protein is >95% pure as determined by 10% PAGE (coomassie staining).
Applications	EBV-p18 antigen is suitable for ELISA and Western blots, excellent antigen for detection of HHV-4 (EBV) with minimal specificity problems.
Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Specificity	Immunoreactive with sera of EBV-infected individuals.
Storage	EBV p18 M although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Shipping	Ice Packs

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