Recombinant EBV EBVP18 protein, GST-tagged

Cat. No. EBVP18-58E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The E.Coli derived recombinant protein contains the HHV-4 p18 regions, having a molecular mass of 35.4kDa which includes GST tag at N-terminus.
Species	EBV
Source	E.coli
Description	The Epstein-Barr virus (EBV), also called Human herpes virus 4 (HHV-4), is a virus of the herpes family (which includes Herpes simplex virus and 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 expression which can be broadly categorized as being lytic cycle or latent cycle. The lytic cycle or productive infection results in staged expression of a host of viral proteins with the ultimate objective of producing infectious virions. Formally, this phase of infection does not inevitably lead to lysis of the host cell as 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).
Form	3.8mg/ml in 50mM Tris-HCl, pH 8.0.

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Molecular Mass	35.4kDa
AA sequence	ASAGTGALASSAPSTAVAQSATPSVSSSISSLRAATSGATAAASAAAAVDTGSGGG GQPHDTAPRGARKKQ.
Purity	Protein is >90% pure as determined by 10% PAGE (coomassie staining).
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.
Storage	EBV p18, GST 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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