Recombinant EBV HHV4tp2_gp19 protein, GST-tagged

Cat. No. HHV4tp2_gp19-53E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The E.Coli derived 35.5kDa recombinant protein contains the HHV-4 Early Antigen Type D, C-terminus regions amino acids 306-390. The protein is fused to a 26kDa GST tag.
Species	EBV
Source	E.coli
ProteinLength	amino acids 306-390
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).

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Form	50mM Tris-HCl, 60mM NaCl, 50% glycerol and 10mM glutathione.
Molecular Mass	35.5kDa
Purity	EBV-Ea protein is >95% pure as determined by SDS-PAGE (coomassie staining).
Applications	EBV-Ea 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-Ea although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Shipping	Ice Packs

GENE INFORMATION

Gene Name	HHV4tp2_gp19 DNA polymerase processivity subunit; early antigen D [Human herpesvirus 4 type 2 (Epstein-Barr virus type 2)]
Official Symbol	HHV4tp2_gp19
Synonyms	HHV4tp2_gp19; DNA polymerase processivity subunit; early antigen D; BMRF1; ORF59
Gene ID	5176169

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq	YP_001129454.1
UniProt ID	P0C6Z0

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA