

Epstein-Barr Virus Recombinant Protein | EBV recombinant protein

Recombinant Epstein-Barr Virus (HHV-4) Early Antigen

CATALOG # AAA38238	HOST E.Coli	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

Epstein-Barr Virus; Recombinant Epstein-Barr Virus (HHV-4) Early Antigen; EBV EA; Epstein-Barr virus (HHV-4) Early Antigen Recombinant; EBV recombinant protein

PRODUCT SPECIFICATIONS

Host	E.Coli
Specificity	Immunoreactive with sera of EBV-infected individuals.
Purity/Purification	Protein is >95% pure as determined by SDS-PAGE (coomassie staining).
Form/Format	(1mg/ml) 50mM Tris-HCl, 60mM NaCl, 50% glycerol and 10mM glutathione.
Sequence Length	55
Applicable Applications for EBV recombinant protein	WB (Western Blot), ELISA
Purification Method	Purified by proprietary chromatographic technique.
Preparation and Storage	EBV-Ea although stable at 4 degree C for 1 week, should be stored below -18 degree C. Please prevent freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for EBV recombinant protein	Description: The E Coli derived 35.5 kDa 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. Introduction: 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).
Product Categories/Family for EBV recombinant protein	Viral Antigens ; EPSTEIN-BARR VIRUS ; Viral Antigens ; EBV

NCBI AND UNIPROT INFORMATION

NCBI GI #	134248621
NCBI Official Full Name	epstein-barr virus
UniProt Protein Name	Epstein-Barr virus

UniProt Gene Name	BURPS305_4792
UniProt Entry Name	A4LJJ6_BURPE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/burps305-4792-recombinant-protein-e-coli-wb-western-blot-elisa/38238>