Epstein-Barr nuclear antigen 1 (EBNA1), partial Recombinant Protein | EBNA1 recombinant protein

Recombinant Epstein-Barr virus Epstein-Barr nuclear antigen 1 (EBNA1), partial

CATALOG #	HOST
AAA114539	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Epstein-Barr nuclear antigen 1 (EBNA1); partial; Recombinant Epstein-Barr virus Epstein-Barr nuclear antigen 1 (EBNA1); Epstein-Barr nuclear antigen 1; EBNA-1; EBV nuclear antigen 1; EBNA1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	458-641. Partial
Sequence	RRKKGGWFGK HRGQGGSNPK FENIAEGLRA LLARSHVERT TDEGTWVAGV FVYGGSKTSL YNLRRGTALA IPQCRLTPLS RLPFGMAPGP GPQPGPLRES IVCYFMVFLQ THIFAEVLKD AIKDLVMTKP APTCNIRVTV CSFDDGVDLP PWFPPMVEGA AAEGDDGDDG DEGGDGDEGE EGQE
Species	Epstein-Barr virus (strain B95-8) (HHV-4) (Human herpesvirus 4)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for EBNA1 recombinant protein	Plays an essential role in replication and partitioning of viral genomic DNA during latent viral infection. During this phase, the circular double-stranded viral DNA undergoes replication once per cell cycle and is efficiently partitioned to the daughter cells. EBNA1 activates the initiation of viral DNA replication through binding to specific sites in the viral latent origin of replication, oriP. Additionally, it governs the segregation of viral episomes by mediating their attachment to host cell metaphase chromosomes. Also activates the transcription of several viral latency genes. Finally, it can counteract the stabilization of host p53/TP53 by host USP7, thereby decreasing apoptosis and increasing host cell survival.
Product Categories/Family for EBNA1 recombinant protein	Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	82503233
NCBI GeneID	3783709
NCBI Accession #	YP_401677.1
NCBI GenBank Nucleotide #	NC_007605.1
UniProt Accession #	P03211; Q777E1
Molecular Weight	35.8 kDa
NCBI Official Full Name	EBNA-1 protein

NCBI Official Symbol	BKRF1
NCBI Protein Information	EBNA-1 protein
UniProt Protein Name	Epstein-Barr nuclear antigen 1
UniProt Gene Name	**EBNA1**
UniProt Synonym Gene Names	EBNA-1; EBV nuclear antigen 1
UniProt Entry Name	EBNA1_EBVB9

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/ebna1-recombinant-protein-e-coli/114539