

## EBNA1

### Recombinant EBV/HHV4 EBNA1/BKRF1 Protein, N-His Tag

<b>Catalog No.</b>	YVV15301A YVV15301B	<b>Quantity:</b>	100 µg 1.0 mg
<b>Alternate Names:</b>	Epstein-Barr nuclear antigen 1, EBNA-1; EBV nuclear antigen 1, BKRF1		
<b>Description:</b>	Epstein-Barr nuclear antigen 1 is possibly linked to multiple sclerosis demonstrated by high-affinity molecular mimicry between the EBV transcription factor EBV nuclear antigen 1 (EBNA1) and the central nervous system protein glial cell adhesion molecule (GlialCAM). EBNA1 immunization exacerbates disease in a mouse model of MS, and anti-EBNA1 and anti-GlialCAM antibodies are prevalent in patients with MS.		
<b>UniProt ID:</b>	P03211		
<b>Protein Construction:</b>	His468-Pro607 Epstein-Barr virus (strain B95-8) (HHV-4) (Human herpesvirus 4)		
<b>Source:</b>	E. coli		
<b>Formulation:</b>	Lyophilized from sterile-filtered PBS, pH 7.4, 0.02% NLS, 1 mM EDTA, 4% trehalose, 1% mannitol		
<b>Molecular Weight:</b>	17.52 kDa, predicted		
<b>Purity:</b>	> 90 % as determined by SDS-PAGE.		
<b>Applications:</b>	Western Blot, ELISA, Immunogen		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to a concentration of 0.1-1.0 mg/mL and gently pipette the solution up and down the sides of the vial. <b>DO NOT VORTEX.</b> Allow several minutes for complete reconstitution.		
<b>Storage &amp; Stability:</b>	Stable for up to 1 year from date of receipt at -20°C to -80°C. After reconstitution, stable for 1 week at 2-8°C, or store stock solution in aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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