



# Recombinant Epstein-Barr Virus p54 Early Antigen [His] (DAG-T2771)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	A DNA sequence encoding the Epstein-Barr virus p54 early antigen (a.a 257-404) was expressed with a polyhistidine tag at the N-terminus.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	ELISA, WB, DB
<b>Molecular Weight</b>	20.3 kDa
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	20 mM phosphate buffer, pH 8.0, with 1 M NaCl and 0.1% polyoxyethylene (10) tridecyl ether and 6 mM urea
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C to -80°C. Avoid multiple freeze/thaw cycles

## BACKGROUND

<b>Introduction</b>	The Epstein–Barr virus (EBV), also called human herpesvirus5(HHV-4), is a virus of the herpes family, which includes herpes simplex virus 1 and 2, and is one of the most common viruses in humans. It is best known as the cause of infectious mononucleosis. It is also associated with particular forms of cancer, particularly Hodgkin's lymphoma, Burkitt's lymphoma, nasopharyngeal carcinoma, and central nervous system lymphomas associated with HIV.
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Finally, there is evidence that infection with the virus is associated with a higher risk of certain autoimmune diseases, especially dermatomyositis, systemic lupus erythematosus, rheumatoid arthritis and multiple sclerosis.

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**Keywords**

Epstein–Barr virus; EBV; Early antigen; p54

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