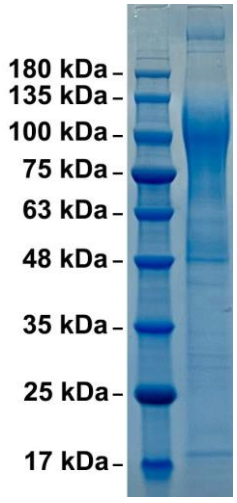
EBV (HHV-4) gp350

CATALOG NUMBER: HHV4-gp350p, 50 µg, 1mg

Introduction	Herpesviruses have an envelope and an outer lipid bilayer which contains twelve surface glycoproteins. For infectivity to be attained, the double stranded DNA genome of EBV must enter the host cell through means of fusion of its envelope with the cellular membrane or via endocytosis. Epstein–Barr virus (EBV) can infect both B cells and epithelial cells. The mechanisms for entering these two cells are different. The viral three-part glycoprotein complexes of gHgL/gp42 mediate B cell membrane fusion.
Description	Recombinant EBV gp350 expressed and purified from 293 cells
Viral Protein	C-terminal 6xhis-tagged recombinant EBV gp350 protein (amino acid 1-470) (GenBank accession#: CAD53417)
Applications	Western blot standard, antibody ELISA, immunogen, *etc.*
Storage	Store at -20 °C; Stable for two weeks from the date of shipment when kept at 4 °C. Non-hazardous.
Concentration	1 mg/ml in PBS
Endotoxin Level	<0.01 EU per 1 µg of the protein by LAL test
Purity	> 95% pure by 10% SDS-PAGE gel



SDS-PAGE: purified gp350 (EBV) protein (aa 1-470)

EBV gp350 (aa 1-470) SEQ:

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MEAALLVCQY TIQSLIHLTG EDPGFFNVEI PEFPFYPTCN VCTADVNVTI NFDVGGKKHQ LDLDFGQLTP HTKAVYQPRG
AFGGSENATN LFLLELLGAG ELALTMRSKK LPINVTTGEE QQVSLESVDV YFQDVFGTMW CHHAEMQNPV YLIPETVPYI
KWDNCNSTNI TAVVRAQGLD VTLPLSLPTS AQDSNFSVKT EMLGNEIDIE CIMEDGEISQ VLPGDNKFNI TCSGYESHVP
SGGILTSTSP VATPIPGTGY AYSLRLTPRP VSRFLGNNSI LYVFYSGNGP KASGGDYCIQ SNIVFSDEIP ASQDMPTNTT
DITYVGDNAT YSVPMVTSED ANSPNVTVTA FWAWPNNTET DFKCKWTLTS GTPSGCENIS GAFASNRTFD ITVSGLGTAP
KTLIITRTAT NATTTTHKVI FSKAPESTTT SPTLNTTGFA DPNTTTGLPS STHVPTNLTA PASTGPTVST
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