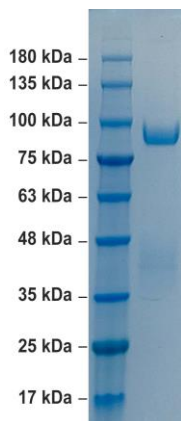


EBV (HHV-4) glycoprotein H (gH)

CATALOG NUMBER: HHV4-gH-10P

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 gH/gL/gp42 mediate B cell membrane fusion.
Description	Recombinant EBV glycoprotein H expressed and purified from 293 cells
Viral Protein	C-terminal 6xhis-tagged recombinant EBV gH protein (amino acid 1-679) (GenBank accession#: P03231)
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. No MSDS required.
Concentration	1 mg/ml in PBS
Purity	> 95% pure by 10% SDS-PAGE gel



SDS-PAGE: purified glycoprotein H (EBV) protein (aa 1-679)

EBV glycoprotein H SEQ:

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MQLLCVFCLV LLWEVGAASL SEVKLHLDIE GHASHYTIPT TELMAKVPGL SPEALWREAN VTEDLASMLN RYKLIYKTSG TLGIALAEPV
DIPAVSEGS M QVDASKVHPG VISGLNSPAC MLSAPLEKQL FYYIGTMLPN TRPHSYVFYQ LRCHLSYVAL SINGDKFQYT GAMTSKFLMG
TYKRVTEKGD EHVLSLVFGK TKDLPLDRGP FSYPSTLSAQ SGDYSLVIVT TFVHYANFHN YFVPNLKDMF SRAVTMTAAS YARYVLQKLV
LLEMKGCCRE PELDTETLTT MFEVSAFFK VGHAVGETGN GCVDLRWLAK SFFELTVLKD IIGICYGATV KGMQSYGLER LAAMLMTVK
MEELGHLTTE KQEYALRLAT VGYPKAGVYS GLIGGATSVL LSAYNRHPLF QPLHTVMRET LFIGSHVVLRLRLNVTQTG PNLALYQLLS
TALCSALEIG EVLRGLALGT ESGLFSPCYL SLRFDLTRDK LLSMAPQEAT LDQAAVSNV DGFGLGRLSLE REDRDAWHLP AYKCVDRLDK
VLMIIPLINV TFIISSDREV RGSALYEAST TYLSSSLFLS PVIMNKCSQG AVAGEPRQIP KIQNFTTRTQK SCIFCGFALL SYDEKEGLET
TTYITSQEVQ NSILSSNYFD FDNLHVHYLL LTNGTVM EI AGLYEERAH
    
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