

# Recombinant Epstein-Barr Virus BALF5 Protein (1-210 aa), His-SUMO-tagged

**Cat. No.** BALF5-934E    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Epstein-Barr Virus (strain B95-8) (HHV-4) (Human herpesvirus 4) BALF5 Protein (1-210 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Partial.                                      |
| <b>Species</b>          | HHV4                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-210 aa                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | Replicates viral genomic DNA in the late phase of lytic infection, producing long concatemeric DNA. The replication complex is composed of six viral proteins: the DNA polymerase, processivity factor, primase, primase-associated factor, helicase, and ssDNA-binding protein. |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 39.2 kDa                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MSGGLFYNPFLRPNKGLLKKPDKEYLRLIPKCFQTPGAAGVVDVRGPQPPLCFYQD<br>SLTVVGGDEDGKGMWWRQRAQEGTARPEADTHGSPLDFHVDILETVYTHEKCAV<br>IPSDKQGYVVP CGIVIKLLGRRKADGASVCVNVFGQQAYFYASAPQGLDVEFAVLSA<br>LKASTFDRRTPCRVSVEKVTRRSIMGYGNHAGDYHKITLSHP                                                   |

 Tel: 1-631-559-9269    1-516-512-3133

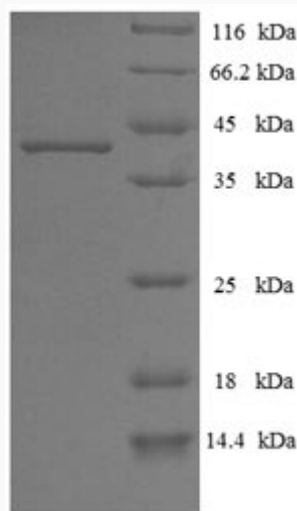
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                      |                                                                                                                                                                                                                                                                                                                     |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>        | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                    |
| <b>Notes</b>         | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <b>Storage</b>       | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| <b>Concentration</b> | A hardcopy of COA with concentration instruction is sent along with the products.                                                                                                                                                                                                                                   |

## GENE INFORMATION

**UniProt ID** [P03198](#)



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA