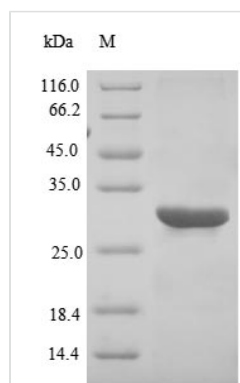




Recombinant Epstein-Barr virus Small capsomere-interacting protein (SCP), partial

| | |
|--------------------------|---|
| Product Code | CSB-EP321237EFA(A4) |
| Abbreviation | Recombinant Epstein-Barr virus BFRF3 protein, partial |
| Storage | 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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | P14348 |
| Product Type | Recombinant Proteins |
| Immunogen Species | Epstein-Barr virus (strain B95-8) (HHV-4) (Human herpesvirus 4) |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Sequence | NQNNLPNDVFREAQRSYLVFLTSQFCYEEYVQRTFGVPRRQRAIDKRQRASV AGAGAHHLGGSSATPVQQAQAAASAGTGALASSAPSTAVAQSATPSVSSSI SSLRAATSGATAAASAAA VDTGSGGGGQPHDTAPRGARKKQ |
| Source | E.coli |
| Target Names | SCP |
| Expression Region | 31-176aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 6xHis-SUMO-tagged |
| Mol. Weight | 30.7kDa |
| Protein Length | Partial |

Image



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

Description

Constructing a plasmid that codes for the Epstein-Barr virus (strain B95-8) BFRF3 protein (31-176aa) initiates the generation of the recombinant Epstein-Barr virus (strain B95-8) BFRF3 protein. The constructed plasmid is transformed



into 31-176aa cells. Positive e.coli cells are selected and then cultured under conditions that encourage the expression of the gene of interest. The protein is equipped with a N-terminal 6xHis-SUMO tag. After that, affinity purification is employed to isolate and purify the recombinant BFRF3 protein from the cell lysate. The purity of the resulting recombinant BFRF3 protein is over 90%, determined by SDS-PAGE.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.