



Recombinant Epstein-Barr virus Lytic switch protein BZLF1 (BZLF1)

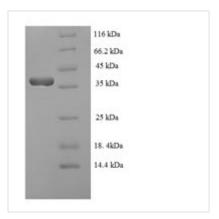
| Product Code | CSB-EP355980EFA |
|----------------------------|--|
| Relevance | Plays a key role in the switch from latent infection to lytic cycle producing new virions. Acts as a transcription factor, inducing early lytic cycle genes, and as a origin binding protein for genome replication. BZLF1 activates the promoter of another EBV gene (BSLF2+BMLF1). |
| 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. | P03206 |
| Storage Buffer | Tris-based buffer,50% glycerol |
| 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 | MMDPNSTSEDVKFTPDPYQVPFVQAFDQATRVYQDLGGPSQAPLPCVLWPV LPEPLPQGQLTAYHVSTAPTGSWFSAPQPAPENAYQAYAAPQLFPVSDITQN QQTNQAGGEAPQPGDNSTVQTAAAVVFACPGANQGQQLADIGVPQPAPVAA PARRTRKPQQPESLEECDSELEIKRYKNRVASRKCRAKFKQLLQHYREVAAAK SSENDRLRLLLKQMCPSLDVDSIIPRTPDVLHEDLLNF |
| Lead Time | 3-7 business days |
| Research Area | Others |
| Source | E.coli |
| Gene Names | BZLF1 |
| Expression Region | 1-245aa |
| 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 | 42.9kDa |
| Protein Description | Full Length |
| Image | |



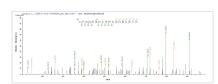




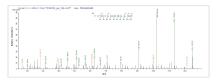




(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP355980EFA could indicate that this peptide derived from E.coli-expressed Epstein-Barr virus (strain B95-8) (HHV-4) (Human herpesvirus 4) BZLF1.



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