



# Recombinant Human herpesvirus 1 DNA polymerase processivity factor (UL42)

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| <b>Product Code</b>      | CSB-MP318722HWY  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 mo   |
| <b>Uniprot No.</b>       | P10226   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Human herpesvirus 1 (strain 17) (HHV-1) (Human herpes simplex virus 1)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MTDSPGGVAP ASPVEDASDA SLGQPEEGAP CQVVLQGAEL NGILQAFAPL<br>RTSLLDSELLV MGDRGILIHN TIFGEQVFLP LEHSQFSRYR WRGPTAAFLS<br>LVDQKRSLLS VFRANQYPDL RRVELAITGQ APFRTLQVRI WTTTSDGEAV<br>ELASETLMKR ELTSFVVLVP QGTPDVQLRL TRPQLTKVLN ATGADSATPT<br>TFELGVNGKF SVFTTSTCVT FAAREEGVSS STSTQVQILS NALTKAGQAA<br>ANAKTVYGEN THRTFSVVVD DCSMRAVLRR LQVGGGTLKF FLTTPVPSLC<br>VTATGPNVAVS AVFLLKPQKI CLDWLGHSQG SPSAGSSASR ASGSEPTDSQ<br>DSASDAVSHG DPEDLDGAAR AGEAGALHAC PMPSSSTRVT PTTKRGRSGG<br>EDARADTALK KPKTGSPTAP PPADPVPLDT EDDSDAADGT AARPAAPDAR<br>SGSRYACYFR DLPTGEASPG AFSAFRGGPQ TPYGF GFP |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | UL42   |
| <b>Protein Names</b>     | Recommended name: DNA polymerase processivity factor Alternative name(s):<br>DNA-binding protein UL42 Polymerase accessory protein Short name= PAP   |
| <b>Expression Region</b> | 1-488  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.  |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |