



# Recombinant Poliovirus type 1 Genome polyprotein

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-YP356007POB   |
| <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 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>       | P03301  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Poliovirus type 1 (strain Sabin)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | GAQVSSQKV GAHENSNRAY GGSTINYTTI NYYRDSASNA ASKQDFSQDP<br>SKFTEPIKDV LIKTSPMLNS PNIEACGYSD RVLQLTLGNS TITTQEAANS<br>VVAYGRWPEY LRDSEANPVD QPTEPDVAAC RFYTLDTVSW<br>TKESRGWWWK LPDALRDMGL FGQNMYYHYL GRSGYTVHVQ<br>CNASKFHQGA LGVFAVPEMC LAGDSNTTTM HTSYQANANPG EKGGTFTGTF<br>TPDDNQTSPA RRFCPVDYLF GNGTLLGNAF VFPHQIINLR TNNCATLVLP<br>YVNSLSIDSM VKHNNWGIAI LPLAPLNFAS ESSPEIPITL TIAPMCCEFN<br>GLRNITLPR L Q |
| <b>Source</b>            | Yeast   |
| <b>Protein Names</b>     | Recommended name: Genome polyprotein Cleaved into the following 12 chains: 1. Protein VP0 Alternative name(s): VP4-VP2 Protein VP4 Alternative name(s): P1A Virion protein 4 Protein VP2 Alternative name(s): P1B Virion pr   |
| <b>Expression Region</b> | 2-341   |
| <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 of Mature 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.  |