



# Recombinant Human DNA-directed RNA polymerase I subunit RPA49 (POLR1E)

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| <b>Product Code</b>      | CSB-YP887937HU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Abbreviation</b>      | POLR1E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <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>       | Q9GZS1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen Species</b> | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>            | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Sequence</b>          | MYQASAVSLL PRDIPSCHSP SPGFSHLPTS SSQLAPDLLQ FPLGQDPSFL<br>AIPILTLPPS DSLVPPYIVW YIVWPSALIS FLGCTLTVQF SNGKLQSPGN<br>MRFTLYENKD STNPRKRNR ILAAETDRLS YVGNFNGTGA LKCNTLCRHF<br>VGILNKTSGQ MEVYDAELFN MQPLFSDVSV ESELALESQT KTYREKMDSC<br>IEAFGTTKQK RALNTRRMNR VGNESLNRAV AKAETIIDT KGVTALVSDA<br>IHNDLQDDSL YLPPCYDDAA KPEDVYKFED LLSPAIEYAL QSPSEAFRNV<br>TSEEILKMIE ENSHCTFVIE ALKSLPSDVE SRDRQARCIW FLDTLIKFRA<br>HRVVKRKSAL GPGVPHIINT KLLKHFTCLT YNNGRLRNLI SDSMKAKITA<br>YVILALHIH DFQIDLTVLQ RDLKLSEKRM MEIAKAMRLK ISKRRVSVAA<br>GSEEDHKLGT LSLPLPPAQT SDRLAKRRKI T |
| <b>Source</b>            | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Target Names</b>      | POLR1E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Protein Names</b>     | Recommended name: DNA-directed RNA polymerase I subunit RPA49 Short name= RNA polymerase I subunit A49 Alternative name(s): DNA-directed RNA polymerase I subunit E RNA polymerase I-associated factor 1 RNA polymerase I-associated fac                                                                                                                                                                                                                                                                                                                                  |
| <b>Expression Region</b> | 1-481                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <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.                                                                                                                                                               |



## 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.