



# Recombinant *Xenopus laevis* Polyribonucleotide 5'-hydroxyl-kinase Clp1 (clp1)

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| <b>Product Code</b>      | CSB-YP740650XBE  |
| <b>Abbreviation</b>      | clp1   |
| <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>       | Q6NS21   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | <i>Xenopus laevis</i> (African clawed frog)  |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MSEDLSAPG PSAPDSSWSS TGPSTKFELE RETELRLEVE GTDPVRVELV<br>SGLAEVFGTE LTRNKKYTFP PGSRAAIFTW HGCTVQLWGS PDMAYVSRDT<br>PMLLYLNTQV GLEQMRVQAE REGERGPRVL VAGPSDVGKS TLCRLLNLYA<br>VRRGRRPTLV ELDVGQGSVS VPGTMGALCV ERPADVEEGF SAQAPLVYHF<br>GSTTPGTNIK LYNKLTSRLA HVFNLRCDSN RRASVSGCLI NTCGWVKGSG<br>YQALIHAASA FEVDVVLVLD QERLYNDLLR DLPHFVRTLL LPKSGGASER<br>SKECRRESRD QRVREYFYGP RGSLYPHAFE IKFSEVRVYK VGAPTIPDSC<br>LPLGMSQEDN QLKLVPVTPG RDMAHHLLSV VPLDGGSAEE GIEERSVAGF<br>IVITGV DTER QTLTLLSPAP RPLPKCVLLI MDIRFMDLK |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | clp1   |
| <b>Protein Names</b>     | Recommended name: Polyribonucleotide 5'-hydroxyl-kinase Clp1 EC= 2.7.1.78<br>Alternative name(s): Polynucleotide kinase Clp1 Pre-mRNA cleavage complex II protein Clp1   |
| <b>Expression Region</b> | 1-439  |
| <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.