



Recombinant human DNA-directed RNA polymerase III subunit RPC10

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|--------------------------|---|
| Product Code | CSB-YP018352HU |
| 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. | Q9Y2Y1 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MLLFCPGCGNGLIVEEGQRCHRFACTCPYVHNITRKVTNRKYPKLKEVDDVL GGAAAWENVVDSTAESCPKCEHPRAYFMQLQTRSADEPMTTFYKCCNAQCGH RWRD |
| Research Area | Immunology |
| Source | Yeast |
| Target Names | POLR3K |
| Expression Region | 1-108aa |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full length |
| Target Details | This gene encodes a small essential subunit of RNA polymerase III, the polymerase responsible for synthesizing transfer and small ribosomal RNAs in eukaryotes. The carboxy-terminal domain of this subunit shares a high degree of sequence similarity to the carboxy-terminal domain of an RNA polymerase II elongation factor. This similarity in sequence is supported by functional studies showing that this subunit is required for proper pausing and termination during transcription. |
| Reconstitution | 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. |
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