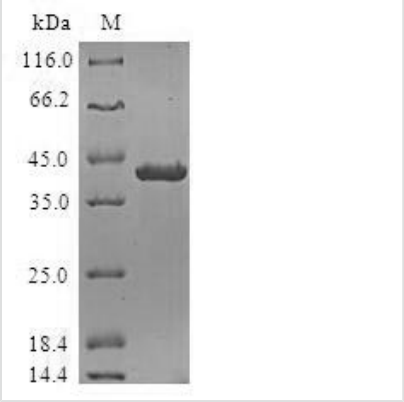
Recombinant Human DNA-directed RNA polymerases I and III subunit RPAC2 (POLR1D)

Product Code	CSB-EP897095HU
Relevance	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Common core component of RNA polymerases I and III which synthesize ribosomal RNA precursors and small RNAs, such as 5S rRNA and tRNAs, respectively.
Abbreviation	Recombinant Human POLR1D protein
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.	P0DPB6
Alias	AC19 DNA-directed RNA polymerase I subunit D RNA polymerase I 16 kDa subunit
Product Type	Recombinant Protein
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MEEDQELERKISGLKTSMAEGERKTALEMVQAAGTDRHCVTFVLHEEDHTLG NSLRYMIMKNPEVEFCGYTTTHPSESKINLRIQTRGTLPAVEPFQRGLNELMNV CQHVLDKFEASIKDYKDQKASRNESTF
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	POLR1D
Protein Names	Recommended name: DNA-directed RNA polymerases I and III subunit RPAC2 Short name= RNA polymerases I and III subunit AC2Alternative name(s): AC19 DNA-directed RNA polymerase I subunit D RNA polymerase I 16 kDa subunit Short nam
Expression Region	1-133aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	42.2kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.

Shelf Life

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