



# Recombinant Human DNA-directed RNA polymerase III subunit RPC4 (POLR3D)

<b>Product Code</b>	CSB-MP018346HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P05423
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>SEGNAAGEP STPGGPRPLL TGARGLIGRR PAPPLTPGRL PSIRSRDLTL  GGVKKKFTFP NIISRKIKEE PKEEVTVKKE KRERDRDRQR EGHGRGRGRP  EVIQSHSIFE QGPAEMMKKK GNWDKTVDVS DMGPSHIINI KKEKRETDEE  TKQILRMLEK DDFLDDPGLR NDTRNMPVQL PLAHSGWLFK EENDEPDVKP  WLAGPKEEDM EVDIPAVKVK EEPRDEEEEA KMKAPPKAAR KTPGLPKDVS  VAELLRELSL TKEEELLFLQ LPDTLPGQPP TQDIKPIKTE VQGEGDQVVV  IKQEKDREAK LAENACTLAD LTEGQVGKLL IRKSGRVQLL LGKVTLDVMT  GTACSFLQEL VSVGLGDSRT GEMTVLGHVK HKLVCSPDFE SLLDHKHR</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	POLR3D
<b>Protein Names</b>	Recommended name: DNA-directed RNA polymerase III subunit RPC4 Short name= RNA polymerase III subunit C4 Alternative name(s): DNA-directed RNA polymerase III subunit D Protein BN51 RNA polymerase III 47 kDa subunit RPC53 homolog
<b>Expression Region</b>	2-398
<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>Target Details</b>	This gene complements a temperature-sensitive mutant isolated from the BHK-21 Syrian hamster cell line. It leads to a block in progression through the G1 phase of the cell cycle at nonpermissive temperatures.
<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. 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.