

Product datasheet for **TP322203**

POLR1F (NM_001002926) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human TWIST neighbor (TWISTNB), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC222203 protein sequence
Red=Cloning site **Green**=Tags(s)

MAAGCSEAPRPAASDGSVLGQAGVLPCLLEPTYAAACALVNSRYSCLVAGPHQRHIALSPRYLNRKRTG
IREQLDAELLYSESLGVPYADNIKWVWVGGELGDIYDDQGHILNIEADVFVFCPEPGQKLMGIVNKVSS
SHIGCLVHGCFNASIPKPEQLSAEQWQTMEINMGDELEFEVFRLDSDAAGVFCIRGKLNITSLQFKRSEV
SEEVTEENGTEEAAKPKKKKKKKDPETYEVDSTGTTKLADDADDTMEESALQNTNANGIWEEEPKKKKK
KKKHQEVQDQDPVFQGSDDSSGYQSDHKKKKKKRKHSEEAFTPLKCSPKRKGKSNFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 37.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_001002926](#)

Locus ID: 221830



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UniProt ID: [Q3B726](#)

RefSeq Size: 3892

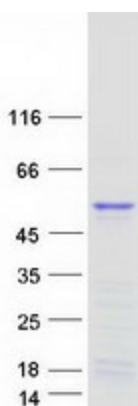
Cytogenetics: 7p21.1

RefSeq ORF: 1014

Synonyms: A43; RPA43; TWISTNB

Summary: DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors. Through its association with RRN3/TIF-IA may be involved in recruitment of Pol I to rDNA promoters.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified TWISTNB protein (Cat# TP322203). The protein was produced from HEK293T cells transfected with TWISTNB cDNA clone (Cat# [RC222203]) using MegaTran 2.0 (Cat# [TT210002]).