

## Product datasheet for **TP304811L**

### **PRAF1 (POLR1E) (NM\_022490) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human polymerase (RNA) I polypeptide E, 53kDa (POLR1E), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC204811 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAAEVLPSARWQYCGAPDGSQRAVLVQFSNGKLQSPGNMRFTLYENKDSTNPRKRNRILAAETDRLSYV  
GNNFGTGALKCNTLCRHFVIGILNKTSQGMEVYDAELFNMQPLFSDVSVESALAESQTKTYREKMDSCIE  
AFGTTKQKRALNTRRMNRVGNESLNRAVAKAAETIIDTKGVTALVSDAIHNDLQDDSLYLPPCYDDAAKP  
EDVYKFEDLLSPAIEALQSPSEAFRNVTSEEILKMIENSHCTFVIEALKSLPSDVESRDRQARCIWFL  
DTLIKFRHRVVKRKSALGPGVPHIINTKLLKHFTCLTYNNGRLRNLISDSMKAKITAYVILALHIHDF  
QIDLTVLQRDLKLEKRMMEIAKAMRLKISKRKVSVAAGSEEDHKLGLSLPLPPAQTSDRLAKRRKIT

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

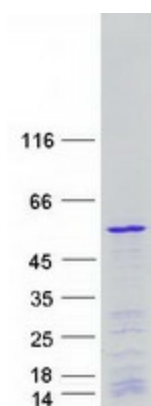
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	47.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_071935</a>
<b>Locus ID:</b>	64425



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UniProt ID:	<a href="#">Q9GZS1</a>
RefSeq Size:	1884
Cytogenetics:	9p13.2
RefSeq ORF:	1257
Synonyms:	A49; PAF53; PRAF1; RPA49
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. Appears to be involved in the formation of the initiation complex at the promoter by mediating the interaction between Pol I and UBTF/UBF (By similarity).[UniProtKB/Swiss-Prot Function]
Protein Families:	Transcription Factors
Protein Pathways:	Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

### Product images:



Coomassie blue staining of purified POLR1E protein (Cat# [TP304811]). The protein was produced from HEK293T cells transfected with POLR1E cDNA clone (Cat# [RC204811]) using MegaTran 2.0 (Cat# [TT210002]).