

Product datasheet for TP304811M

PRAF1 (POLR1E) (NM_022490) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human polymerase (RNA) I polypeptide E, 53kDa (POLR1E), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204811 protein sequence Red =Cloning site Green =Tags(s)

MAAEVLPSARWQYCGAPDGSQRAVLVQFSNGKLQSPGNMRFTLYENKDSTNPRKRNRILAAETDRLSYV
GNNFGTGALKCNTLCRHFVIGILNKTSQGMEVYDAELFNMQPLFSDVSVESALAESQTKTYREKMDSCIE
AFGTTKQKRALNTRRMNRVGNESLNRAVAKAAETIIDTKGVTALVSDAIHNDLQDDSLYLPPCYDDAAKP
EDVYKFEDLLSPAIEALQSPSEAFRNVTSEEILKMIENSHCTFVIEALKSLPSDVESRDRQARCIWFL
DTLIKFRHRVVKRKSALGPGVPHIINTKLLKHFTCLTYNNGRLRNLSDSMKAKITAYVILALHIHDF
QIDLTVLQRDLKLEKRMMEIAKAMRLKISKRKVSVAAGSEEDHKLGTLSLPLPPAQTSDRLAKRRKIT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

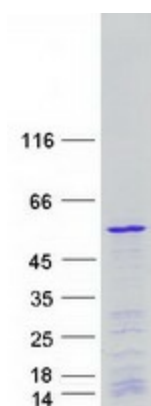
Tag:	C-Myc/DDK
Predicted MW:	47.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_071935
Locus ID:	64425



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UniProt ID:	Q9GZS1
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]).