

Product datasheet for PH322203

POLR1F (NM_001002926) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TWISTNB MS Standard C13 and N15-labeled recombinant protein (NP_001002926)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222203
Predicted MW:	37.4 kDa
Protein Sequence:	>RC222203 protein sequence Red=Cloning site Green=Tags(s)
	MAAGCSEAPRPAASDGLVQAGVLPCLLEPTYAAACALVNSRYSLVAGPHQRHIALSPRYLNRKRTG IREQLDAELLRYSLLGVPIAYDNIKVVGELGDIYDDQGHILNIEADVFVFCPEPGQKLMGIVNKVSS SHIGCLVHGCFNASIPKPEQLSAEQWQTMEINMGDELEFEVFRLDSDAAGVFCIRGKLNITSLQFKRSEV SEEVTENGTEEAAKPKKKKKKKDPETYEVDSGTTLKADDADTPMEESALQNTNANGIWEEEPKPKKKK KKKHQEVQDQDPVFGSDSSGYQSDHKKKKKKRKHSEEAFTPPLKCSPKRKGKSNFL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001002926
RefSeq Size:	3892
RefSeq ORF:	1014
Synonyms:	A43; RPA43; TWISTNB
Locus ID:	221830



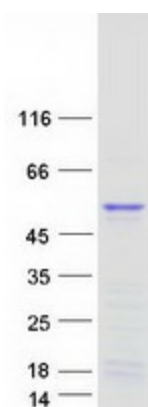
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UniProt ID: [Q3B726](#)

Cytogenetics: 7p21.1

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]).