

Product datasheet for **TP300991M**

POLR3GL (NM_032305) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human polymerase (RNA) III (DNA directed) polypeptide G (32kD)-like (POLR3GL), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200991 protein sequence Red =Cloning site Green =Tags(s)

MASRGGGRGRGRGQLTFNVEAVGIGKGDALPPPTLQPSPLFPPLEFRPVPLPSGEEGEYVLALKQELRGA
MRQLPYFIRPAVPKR DVERYSDKYQMSGPIDNAIDWNPDWRRRLPRELKIRVRKLQKERITILLPKRPPKT
TEDKEETIQKLETLEKKEEEVTSEEDEEKEEEEEEEEEEEEEEEEEDEEEHEEETDYIMSYFDNGEDFGGDSD
DNMDEAIY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

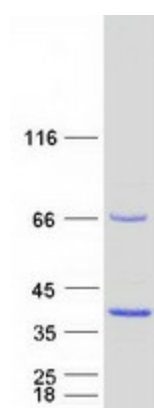
Tag:	C-Myc/DDK
Predicted MW:	25.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<u>NP_115681</u>
Locus ID:	84265



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UniProt ID:	Q9BT43
RefSeq Size:	1191
Cytogenetics:	1q21.1
RefSeq ORF:	654
Synonyms:	flj32422; RPC32HOM
Summary:	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific peripheric component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs.[UniProtKB/Swiss-Prot Function]
Protein Pathways:	Cytosolic DNA-sensing pathway, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

Product images:



Coomassie blue staining of purified POLR3GL protein (Cat# [TP300991]). The protein was produced from HEK293T cells transfected with POLR3GL cDNA clone (Cat# [RC200991]) using MegaTran 2.0 (Cat# [TT210002]).