

Product datasheet for PH300991

POLR3GL (NM_032305) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	POLR3GL MS Standard C13 and N15-labeled recombinant protein (NP_115681)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200991
Predicted MW:	25.3 kDa
Protein Sequence:	>RC200991 protein sequence Red=Cloning site Green=Tags(s) MASRGGGRGRGRGQLTFNVEAVGIGKGDALPPPTLQPSPLFPPLFRPVPLPSGEEGEYVLALKQELRGA MRQLPYFIRPAVPKRDVERYSDKYQMSGPIDNAIDWNPDRRLPRELKIRVRKLQKERITILLPKRPPKT TEDKEETIQKLETLEKKEEEVTSEEDKEEEEEEEEEEEEEEEEEEEYDEEEHEEETDYIMSYFDNGEDFGGDS DNMDEAIY 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_115681
RefSeq Size:	1191
RefSeq ORF:	654
Synonyms:	flj32422; RPC32HOM
Locus ID:	84265
UniProt ID:	Q9BT43



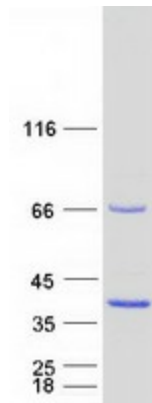
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Cytogenetics: 1q21.1

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]).