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Product datasheet for PH300649

POLR2L (NM_021128) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	POLR2L MS Standard C13 and N15-labeled recombinant protein (NP_066951)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200649
Predicted MW:	7.6 kDa
Protein Sequence:	>RC200649 protein sequence Red=Cloning site Green=Tags(s) MIIPVRCFTCGKIVGNKWEAYLGLLQAEYTEGDALDALGLKRYCCRRMLLAHVDLIEKLLNYAPLEK 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_066951
RefSeq Size:	925
RefSeq ORF:	201
Synonyms:	hRPB7.6; RBP10; RPABC5; RPB7.6; RPB10; RPB10beta
Locus ID:	5441
UniProt ID:	P62875
Cytogenetics:	11p15.5

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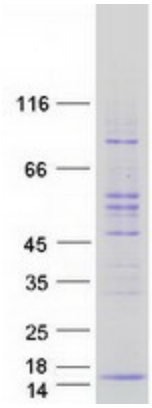
Summary: This gene encodes a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene contains four conserved cysteines characteristic of an atypical zinc-binding domain. Like its counterpart in yeast, this subunit may be shared by the other two DNA-directed RNA polymerases. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Protein Pathways: Huntington's disease, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

Product images:



Coomassie blue staining of purified POLR2L protein (Cat# [TP300649]). The protein was produced from HEK293T cells transfected with POLR2L cDNA clone (Cat# [RC200649]) using MegaTran 2.0 (Cat# [TT210002]).