OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for PH300650

POLR2H (NM_006232) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	POLR2H MS Standard C13 and N15-labeled recombinant protein (NP_006223)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200650
Predicted MW:	17.1 kDa
Protein Sequence:	>RC200650 protein sequence Red=Cloning site Green=Tags(s) MAGILFEDIFDVKDIDPEGKKFDRVSRLHCESESFKMDLILDVNIQIYPVDLGDKFRLVIASTLYEDGTL DDGEYNPTDDRPSRADQFEYVMYGKVYRIEGDETSTEAATRLSAYVSYGGLLMRLQGDANNLHGFEVDSR VYLLMKKLAF 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_006223
RefSeq Size:	1264
RefSeq ORF:	450
Synonyms:	RPABC3; RPB8; RPB17
Locus ID:	5437
UniProt ID:	P52434

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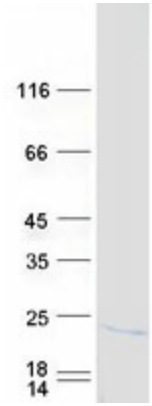
Cytogenetics: 3q27.1

Summary: The three eukaryotic RNA polymerases are complex multisubunit enzymes that play a central role in the transcription of nuclear genes. This gene encodes an essential and highly conserved subunit of RNA polymerase II that is shared by the other two eukaryotic DNA-directed RNA polymerases, I and III. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013]

Protein Families: Transcription Factors

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

Product images:



Coomassie blue staining of purified POLR2H protein (Cat# [TP300650]). The protein was produced from HEK293T cells transfected with POLR2H cDNA clone (Cat# [RC200650]) using MegaTran 2.0 (Cat# [TT210002]).