

Product datasheet for PH304819

RPB11 (POLR2J) (NM_006234) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	POLR2J MS Standard C13 and N15-labeled recombinant protein (NP_006225)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204819
Predicted MW:	13.3 kDa
Protein Sequence:	>RC204819 protein sequence Red =Cloning site Green =Tags(s) MNAPPAFESFLLFEGEKKITINKDTKVPNACLFTINKEDHTLGNIISQLLKDPQVLFAGYKVPHPLEHK IIIRVQTTPDYSPQEAFTNAITDLISELSLLEERFRVAIKDKQEGIE TR TRPLEQKLISEEDLAANDILDYKDDDDKV
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_006225
RefSeq Size:	991
RefSeq ORF:	351
Synonyms:	hRPB14; POLR2J1; RPB11; RPB11A; RPB11m
Locus ID:	5439
UniProt ID:	P52435
Cytogenetics:	7q22.1



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Summary:

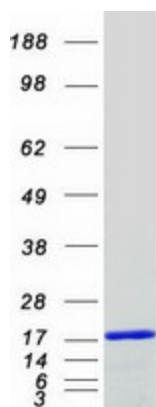
This gene encodes a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene exists as a heterodimer with another polymerase subunit; together they form a core subassembly unit of the polymerase. Two similar genes are located nearby on chromosome 7q22.1 and a pseudogene is found on chromosome 7p13. [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 POLR2J protein (Cat# [TP304819]). The protein was produced from HEK293T cells transfected with POLR2J cDNA clone (Cat# [RC204819]) using MegaTran 2.0 (Cat# [TT210002]).