

## Product datasheet for **RG204819**

### **RPB11 (POLR2J) (NM\_006234) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** RPB11 (POLR2J) (NM\_006234) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** POLR2J  
**Synonyms:** hRPB14; POLR2J1; RPB11; RPB11A; RPB11m  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG204819 representing NM\_006234  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAACGCCCTCCAGCCTTCGAGTCGTTCTTGCTCTTCGAGGGCGAGAAGAAGATCACCATTAACAAGG  
 ACACCAAGGTACCAATGCCTGTTTATTACCATCAACAAAGAAGACCACACTGGAAACATCATTAA  
 ATCACAACCTCTAAAAGACCCGCAAGTGTATTTGCTGGCTACAAAGTCCCCACCCCTTGGAGCACAAG  
 ATCATCATCCGAGTGCAGACCACGCCGACTACAGCCCCAGGAAGCCTTACCAAGCCATCACCGACC  
 TCATCAGTGAGCTGTCCCTGCTGGAGGAGCGCTTCGGGTGCCATAAAAGACAAGCAGGAAGGAATTGA  
 G

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG204819 representing NM\_006234  
 Red=Cloning site Green=Tags(s)  
 MNAPPAFESFLLFEGEKKITINKDVKVPNAFLFTINKEDHTLGNIIKSQLLKDPQVLFAGYKVPHPLEHK  
 IIRVQTPDYSPEAFTNAITDLISELSLLEERFRVAIKDKQEGIE

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



[View online »](#)



<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_006234.5</a>
<b>RefSeq Size:</b>	991 bp
<b>RefSeq ORF:</b>	354 bp
<b>Locus ID:</b>	5439
<b>UniProt ID:</b>	<a href="#">P52435</a>
<b>Cytogenetics:</b>	7q22.1
<b>Domains:</b>	RNA_pol_L
<b>Protein Families:</b>	Transcription Factors
<b>Protein Pathways:</b>	Huntington's disease, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase
<b>Gene Summary:</b>	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]