

Product datasheet for **RC211344L4V**

POLR2G (NM_002696) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	POLR2G (NM_002696) Human Tagged ORF Clone Lentiviral Particle
Symbol:	POLR2G
Synonyms:	hRPB19; hsRPB7; RPB7; RPB19
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002696
ORF Size:	516 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211344).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_002696.1
RefSeq Size:	852 bp
RefSeq ORF:	519 bp
Locus ID:	5436
UniProt ID:	P62487
Cytogenetics:	11q12.3
Domains:	S1, RNA_pol_Rpb7_N
Protein Families:	Transcription Factors



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

MW: 19.3 kDa

Gene Summary: This gene encodes the seventh largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The protein functions in transcription initiation, and is also thought to help stabilize transcribing polymerase molecules during elongation. [provided by RefSeq, Jan 2009]