

## Product datasheet for **RC201957L4V**

### **POLR2K (NM\_005034) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	POLR2K (NM_005034) Human Tagged ORF Clone Lentiviral Particle
Symbol:	POLR2K
Synonyms:	ABC10-alpha; hRPB7.0; hsRPB10a; RPABC4; RPB7.0; RPB10alpha; RPB12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005034
ORF Size:	174 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201957).
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. <a href="#">More info</a>
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:	<a href="#">NM_005034.3</a>
RefSeq Size:	971 bp
RefSeq ORF:	177 bp
Locus ID:	5440
UniProt ID:	<a href="#">P53803</a>
Cytogenetics:	8q22.2
Protein Families:	Transcription Factors



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

**MW:** 7 kDa

**Gene Summary:** This gene encodes one of the smallest subunits of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This subunit is shared by the other two DNA-directed RNA polymerases. [provided by RefSeq, Jul 2008]