

Product datasheet for **RC208356L3V**

POLR3B (NM_018082) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	POLR3B (NM_018082) Human Tagged ORF Clone Lentiviral Particle
Symbol:	POLR3B
Synonyms:	C128; HLD8; INMAP; RPC2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_018082
ORF Size:	3399 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208356).
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_018082.3
RefSeq Size:	4286 bp
RefSeq ORF:	3402 bp
Locus ID:	55703
UniProt ID:	Q9NW08
Cytogenetics:	12q23.3
Domains:	RNA_pol_Rpb2_6, RNA_pol_Rpb2_7, RNA_pol_Rpb2_2, RNA_pol_Rpb2_1, RNA_pol_Rpb2_3, RNA_pol_Rpb2_4, RNA_pol_Rpb2_5



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Protein Families:	Transcription Factors
Protein Pathways:	Cytosolic DNA-sensing pathway, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase
MW:	127.8 kDa
Gene Summary:	This gene encodes the second largest subunit of RNA polymerase III, the polymerase responsible for synthesizing transfer and small ribosomal RNAs in eukaryotes. The largest subunit and the encoded protein form the catalytic center of RNA polymerase III. Mutations in this gene are a cause of hypomyelinating leukodystrophy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]