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Product datasheet for RC207553L4V

POLR3A (NM_007055) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	POLR3A (NM_007055) Human Tagged ORF Clone Lentiviral Particle
Symbol:	POLR3A
Synonyms:	ADDH; C160; HLD7; hRPC155; RPC1; RPC155; WDRTS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007055
ORF Size:	4170 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207553).
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_007055.3
RefSeq Size:	6652 bp
RefSeq ORF:	4173 bp
Locus ID:	11128
UniProt ID:	O14802
Cytogenetics:	10q22.3
Domains:	RNA_pol_Rpb1_2, RPOLA_N, RNA_pol_Rpb1_3, RNA_pol_Rpb1_1, RNA_pol_Rpb1_5, RNA_pol_Rpb1_4

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Protein Families:	Transcription Factors
Protein Pathways:	Cytosolic DNA-sensing pathway, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase
MW:	156.1 kDa
Gene Summary:	The protein encoded by this gene is the catalytic component of RNA polymerase III, which synthesizes small RNAs. The encoded protein also acts as a sensor to detect foreign DNA and trigger an innate immune response. [provided by RefSeq, Aug 2011]