

Product datasheet for **RC226611L4V**

POP1 (NM_001145861) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	POP1 (NM_001145861) Human Tagged ORF Clone Lentiviral Particle
Symbol:	POP1
Synonyms:	ANXD2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145861
ORF Size:	3072 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226611).
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_001145861.1 , NP_001139333.1
RefSeq Size:	4701 bp
RefSeq ORF:	3075 bp
Locus ID:	10940
UniProt ID:	Q99575
Cytogenetics:	8q22.2
Protein Families:	Stem cell - Pluripotency
MW:	114.7 kDa



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Gene Summary:

This gene encodes the protein subunit of two different small nucleolar ribonucleoprotein complexes: the endoribonuclease for mitochondrial RNA processing complex and the ribonuclease P complex. The encoded protein is a ribonuclease that localizes to the nucleus and functions in pre-RNA processing. This protein is also an autoantigen in patients suffering from connective tissue diseases. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2009]