

Product datasheet for **RG237643**

POLDIP2 (NM_001290145) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	POLDIP2 (NM_001290145) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	POLDIP2
Synonyms:	p38; PDIP38; POLD4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237643 representing NM_001290145. Blue=ORF Red=Cloning site Green=Tag(s)

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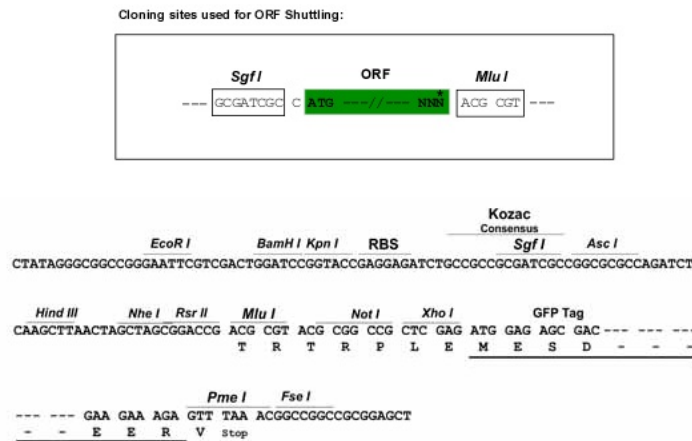
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Protein Sequence: >Peptide sequence encoded by RG237643
 Blue=ORF Red=Cloning site Green=Tag(s)

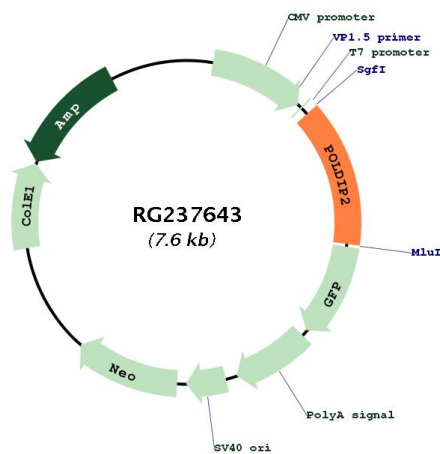
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Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001290145
ORF Size:	1050 bp
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.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
RefSeq:	NM_001290145.1 , NP_001277074.1
RefSeq Size:	2699 bp
RefSeq ORF:	1053 bp
Locus ID:	26073
UniProt ID:	Q9Y2S7
Cytogenetics:	17q11.2
MW:	40.3 kDa
Gene Summary:	This gene encodes a protein that interacts with the DNA polymerase delta p50 subunit, as well as with proliferating cell nuclear antigen. The encoded protein maybe play a role in the ability of the replication fork to bypass DNA lesions. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]