

Product datasheet for **RG230749**

DMXL2 (NM_001174117) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DMXL2 (NM_001174117) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DMXL2
Synonyms:	DEE81; DFNA71; EIEE81; PEPNS; RC3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG230749 representing NM_001174117 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >RG230749 representing NM_001174117
 Red=Cloning site Green=Tags(s)

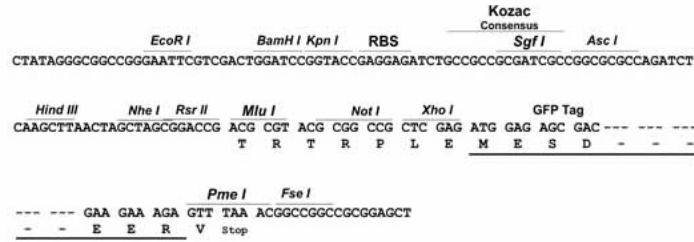
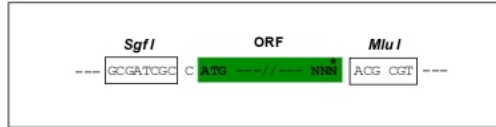
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TRTRPLE - GFP Tag - V

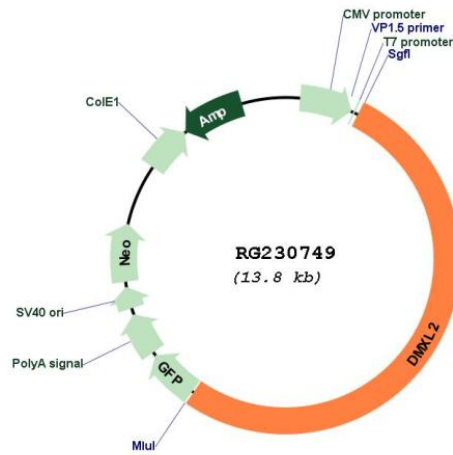
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN:

NM_001174117

ORF Size:	7200 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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001174117.3
RefSeq Size:	8688 bp
RefSeq ORF:	7203 bp
Locus ID:	23312
UniProt ID:	Q8TDJ6
Cytogenetics:	15q21.2
Gene Summary:	This gene encodes a protein with 12 WD domains. Proteins with WD domains are involved in many functions including participation in signal transduction pathways. Participation of the encoded protein in regulation of the Notch signaling pathway has been demonstrated in vitro using several human cell lines (PMID:20810660). A gene encoding a similar protein is located on chromosome 5. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]