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Product datasheet for RG240258

DMXL1 (NM_001290322) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DMXL1 (NM_001290322) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DMXL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG240258 representing NM_001290322. Blue=ORF Red=Cloning site Green=Tag(s)

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Protein Sequence:

>Peptide sequence encoded by RG240258
Blue=ORF Red=Cloning site Green=Tag(s)

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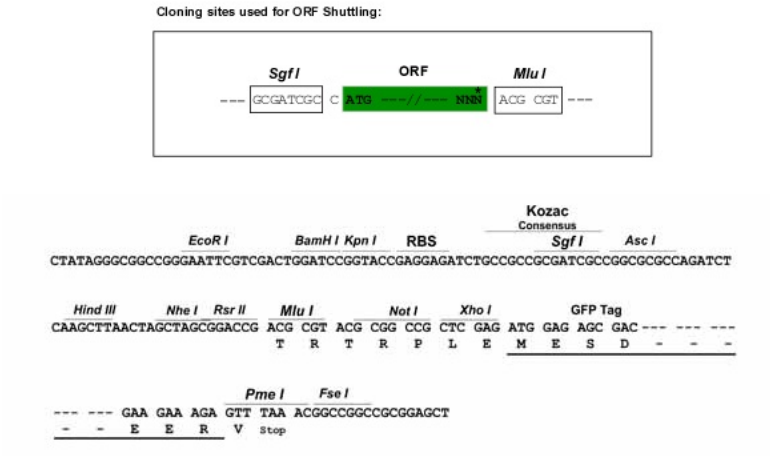
Restriction Sites: SgfI-MluI

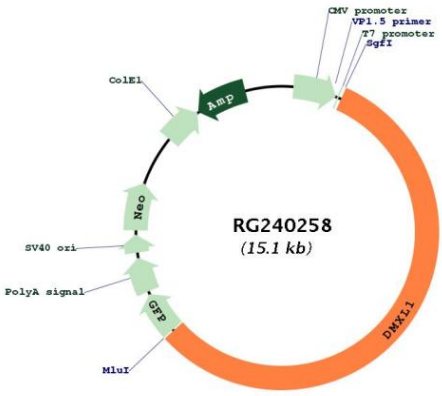
Cloning Scheme:



ACCN:	NM_001290322
ORF Size:	8562 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_001290322.3
RefSeq Size:	12794 bp
RefSeq ORF:	8565 bp
Locus ID:	1657
UniProt ID:	Q9Y485
Cytogenetics:	5q23.1
MW:	319.1 kDa

Gene Summary: The protein encoded by this gene is a member of the WD repeat superfamily of proteins, which have regulatory functions. This gene is expressed in many tissue types including several types of eye tissue, and it has been associated with ocular phenotypes. In addition, it is upregulated in cultured cells that overexpress growth factor independence 1B, a transcription factor that is essential for hematopoietic cell development. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]

Product images:



Circular map for RG240258