

## Product datasheet for **RC220504L4V**

### FOXD1 (NM\_004472) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	FOXD1 (NM_004472) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FOXD1
Synonyms:	FKHL8; FREAC-4; FREAC4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004472
ORF Size:	1395 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220504).
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. <a href="#">More info</a>
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:	<a href="#">NM_004472.2</a>
RefSeq Size:	2272 bp
RefSeq ORF:	1398 bp
Locus ID:	2297
UniProt ID:	<a href="#">Q16676</a>
Cytogenetics:	5q13.2
Protein Families:	Transcription Factors
MW:	46 kDa



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**Gene Summary:**

This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. Studies of the orthologous mouse protein indicate that it functions in kidney development by promoting nephron progenitor differentiation, and it also functions in the development of the retina and optic chiasm. It may also regulate inflammatory reactions and prevent autoimmunity. [provided by RefSeq, Apr 2014]