

Product datasheet for **RC213792L4V**

FOXD4 (NM_207305) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | FOXD4 (NM_207305) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | FOXD4 |
| Synonyms: | FKHL9; FOXD4A; FREAC-5; FREAC5 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_207305 |
| ORF Size: | 1317 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC213792). |
| 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_207305.2 |
| RefSeq Size: | 2204 bp |
| RefSeq ORF: | 1320 bp |
| Locus ID: | 2298 |
| UniProt ID: | Q12950 |
| Cytogenetics: | 9p24.3 |
| Protein Families: | Transcription Factors |
| MW: | 47.3 kDa |



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Gene Summary:

This gene encodes a member of the forkhead/winged helix-box (FOX) family of transcription factors. FOX transcription factors play critical roles in the regulation of multiple processes including metabolism, cell proliferation and gene expression during ontogenesis. Mutations in this gene are associated with a complex phenotype consisting of dilated cardiomyopathy, obsessive-compulsive disorders, and suicidality. [provided by RefSeq, Mar 2012]