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# Product datasheet for RC215629L2V

## FOXC1 (NM_001453) Human Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | FOXC1 (NM_001453) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | FOXC1 |
| **Synonyms:** | ARA; ASGD3; FKHL7; FREAC-3; FREAC3; IGDA; IHG1; IRID1; RIEG3 |
| **Mammalian Cell Selection:** | None |
| **Vector:** | pLenti-C-mGFP (PS100071) |
| **Tag:** | mGFP |
| **ACCN:** | NM_001453 |
| **ORF Size:** | 1659 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC215629). |
| **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_001453.2 |
| **RefSeq Size:** | 3452 bp |
| **RefSeq ORF:** | 1662 bp |
| **Locus ID:** | 2296 |
| **UniProt ID:** | Q12948 |
| **Cytogenetics:** | 6p25.3 |
| **Protein Families:** | Druggable Genome, Transcription Factors |
| **MW:** | 56.6 kDa |

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**Gene Summary:** This gene belongs to the forkhead family of transcription factors which is characterized by a distinct DNA-binding forkhead domain. The specific function of this gene has not yet been determined; however, it has been shown to play a role in the regulation of embryonic and ocular development. Mutations in this gene cause various glaucoma phenotypes including primary congenital glaucoma, autosomal dominant iridogoniodysgenesis anomaly, and Axenfeld-Rieger anomaly. [provided by RefSeq, Jul 2008]