

Product datasheet for **RC218102L4V**

FOX11 (NM_012188) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | FOX11 (NM_012188) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | FOX11 |
| Synonyms: | FKH10; FKHL10; FREAC-6; FREAC6; HFH-3; HFH3 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_012188 |
| ORF Size: | 1134 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC218102). |
| 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_012188.3 |
| RefSeq Size: | 2296 bp |
| RefSeq ORF: | 1137 bp |
| Locus ID: | 2299 |
| UniProt ID: | Q12951 |
| Cytogenetics: | 5q35.1 |
| Domains: | FH |
| Protein Families: | Transcription Factors |

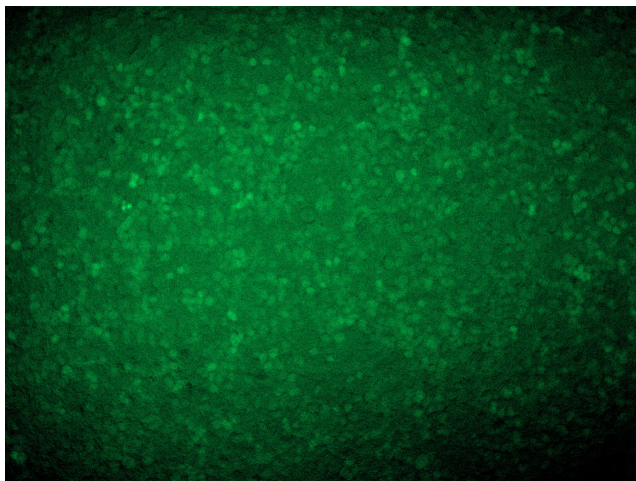


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MW: 41 kDa

Gene Summary: This gene belongs to the forkhead family of transcription factors, which is characterized by a distinct forkhead domain. This gene may play an important role in the development of the cochlea and vestibulum, as well as in embryogenesis. The encoded protein has been found to be required for the transcription of four subunits of a proton pump found in the inner ear, the kidney, and the epididymis. Mutations in this gene have been associated with deafness, autosomal recessive 4. [provided by RefSeq, Jan 2017]

Product images:



[RC218102L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC218102L4V particle to overexpress human FOXI1-mGFP fusion protein.