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# Product datasheet for RC230174L4V

## FKLF / KLF11 (KLF11) (NM_001177716) Human Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | FKLF / KLF11 (KLF11) (NM_001177716) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | FKLF / KLF11 |
| **Synonyms:** | FKLF; FKLF1; MODY7; TIEG2; Tieg3 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-mGFP-P2A-Puro (PS100093) |
| **Tag:** | mGFP |
| **ACCN:** | NM_001177716 |
| **ORF Size:** | 1485 bp |
| **ORF Nucleotide Sequence:** | `The ORF insert of this clone is exactly the same as(RC230174).` |
| **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_001177716.1, NP_001171187.1 |
| **RefSeq ORF:** | 1488 bp |
| **Locus ID:** | 8462 |
| **UniProt ID:** | O14901 |
| **Cytogenetics:** | 2p25.1 |
| **Protein Families:** | Transcription Factors |
| **MW:** | 53.8 kDa |

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**Gene Summary:** The protein encoded by this gene is a zinc finger transcription factor that binds to SP1-like sequences in epsilon- and gamma-globin gene promoters. This binding inhibits cell growth and causes apoptosis. Defects in this gene are a cause of maturity-onset diabetes of the young type 7 (MODY7). Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Apr 2010]