# Product datasheet for RC216954L2V

## FAM83D (NM_030919) Human Tagged ORF Clone Lentiviral Particle

## Product data:

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|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | FAM83D (NM_030919) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | FAM83D |
| **Synonyms:** | C20orf129; CHICA; dJ616B8.3 |
| **Mammalian Cell Selection:** | None |
| **Vector:** | pLenti-C-mGFP (PS100071) |
| **Tag:** | mGFP |
| **ACCN:** | NM_030919 |
| **ORF Size:** | 1845 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC216954). |
| **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_030919.2 |
| **RefSeq Size:** | 2445 bp |
| **RefSeq ORF:** | 1758 bp |
| **Locus ID:** | 81610 |
| **UniProt ID:** | Q9H4H8 |
| **Cytogenetics:** | 20q11.23 |
| **Protein Families:** | Druggable Genome |
| **MW:** | 67.5 kDa |

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**Gene Summary:** Probable proto-oncogene that regulates cell proliferation, growth, migration and epithelial to mesenchymal transition. Through the degradation of FBXW7, may act indirectly on the expression and downstream signaling of MTOR, JUN and MYC (PubMed:24344117). May play also a role in cell proliferation through activation of the ERK1/ERK2 signaling cascade (PubMed:25646692). May also be important for proper chromosome congression and alignment during mitosis through its interaction with KIF22.[UniProtKB/Swiss-Prot Function]