Product datasheet for **RC229822L4**

**FAM131A (NM_001171093) Human Tagged ORF Clone**

**Product data:**

- **Product Type:** Expression Plasmids
- **Product Name:** FAM131A (NM_001171093) Human Tagged ORF Clone
- **Tag:** mGFP
- **Symbol:** FAM131A
- **Synonyms:** C3orf40; FLAT715; PRO1378
- **Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)
- **E. coli Selection:** Chloramphenicol (34 ug/mL)
- **Cell Selection:** Puromycin
- **ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as (RC229822).
- **Restriction Sites:** SgfI-MluI
- **Cloning Scheme:**

```
            SgfI
             ----
           CGG ATC GGC
             ATG
             ----
            MluI
             ACG CGT ----
```

```
      EcoRI
              ---
           BamHI
              ---
           RBS
              ---
            Kozak

            MluI
             ---
           NotI
             ---
            XhoI
             ---
          mGFP Tag
            GGA CTC AGA GTT GTA GGA AGC
             ---
          MTG
             G L A V

            GGA CTC AGA GTT GTA GGA AGC
             ---
          MTG
             G L A V

* The last codon before the Stop codon of the ORF.
```

**ACCN:** NM_001171093

**ORF Size:** 843 bp
**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_001171093.1, NP_001164564.1](#)

**RefSeq ORF:** 846 bp

**Locus ID:** 131408

**Cytogenetics:** 3q27.1

**Protein Families:** Secreted Protein

**MW:** 30.6 kDa