

## Product datasheet for **SC331436**

### **FAM161A (NM\_001201543) Human Untagged Clone**

#### **Product data:**

|               |   |
|---------------|---|
| Product Type: | Expression Plasmids                         |
| Product Name: | FAM161A (NM_001201543) Human Untagged Clone |
| Tag:          | Tag Free                                    |
| Symbol:       | FAM161A                                     |
| Synonyms:     | RP28  |
| Vector:       | <u><a href="#">pCMV6 series</a></u>         |



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001201543, the custom clone sequence may differ by one or more nucleotides

```

ATGGCCACCTCCCACCGAGTGGCGAAGCTGGTGGCCTCCAGTCTCCAGACCCCGGTAATCCCATCACTG
GAGCGCGGGTCGCCAGTACGAACGCGAAGACCCCTTAAAGGCCCTGGCGCAGCGGAGGCGATCTTGG
GGACGAAGAGGAGGAGAAAGTGGCGCAGCCCGCTGGGGCATCGGCTGATTTGAACACCAGCTTTTCTGGG
GTGGATGAACATGCACCGATAAGCTATGAGGACTTTGTGAACTTCTCTGATATCCACTCTAATGAGG
AGTATTTCAAGAAAGTAGAAGAGTTGAAGGCTGCCACATAGAACTATGGCAAAATTAGAGAAAATGTA
CCAGGATAAATTACATTTAAAGGAAGTTCAGCCAGTGGTCATCAGAGAAGACTCTCTTAGTGACTCTTCC
AGATCTGTATCAGAAAAGAACTCTATCACCCCTGTCTCATTAAATGACATCATTTTCAGAGCCTGATTTAG
GCCAGTCTTCTCTGTATGTGTCTCTCTGAAGAGGAGTTACCCAACCTAGAAAAAGAGTATCTTAG
GAAAAACAGAATGATGACCTATGCTAAGGAGCTCATCAACAATATGTGGACAGACTTTTGTGTTGAGGAT
TATATTCGCTGTAAGATACTGGCTTCCATGCAGCTGAAAAAAGAAGGAAGAAAACGAAAAAGATGGGTGC
CCACAATTACAGTACCGGAGCCTTTTCAAATGATGATAAGAGAACAGAAGAAAAAAGAAGTCCATGAA
ATCTAAATCAGATATCGAAATGGTACATAAAGCGCTCAAAAAACAAGAAGAGGATCCAGAGTATAAGAAG
AAATTCGAGCCAATCCAGTTCCTGCATCTGTCTTCTCCCCCTTACCATGATTTAGTCAAGCAAAAAAG
AAGAACGGAGAAGGTCTCTGAAGGAGAAAAAGCAAGAAGCTCTTTTGGCCTCACAAAAGCCATTTAAATT
TATAGCAAGGGAGGAACAGAAGCGAGCAGCCCGGAAAAGCAGCTGAGAGACTTTCTTAAGTATAAAAAAG
AAAACAAATCGATTTAAAGCCAGACCCATTCTCGATCTACTTATGGTTCAACTACCAATGACAAGTTAA
AAGAAGAAGAGCTCTATCGAAACCTTAGGACACAGCTGAGAGCCCAGGAGCATTACAGAACTCATCTCC
TCTGCCTTGTAGTGCAGCTTGTGGATGCAGGAACCCAGGTGTCTGAACAGGCTGTAAGTTGAAGTGT
AAACACAAGGTTAGGTGCCCAACTCTGATTTTGAAGACCTTCTGAGAGATACCAGAAAACACCTCTCAG
AACACAAGTCTCCAAAACCTTAAACAGTGTGTAACCATTTGATCTTCATGCATCTCCACATGCATCTAT
TAAAAGAGAAAAAATTTTGGCAGACATCGAAGCAGATGAAGAAAAATTTAAAAGAAACACGTTGGCCTTAT
TTGTCTCCAAGCGTAAGTACCAGTAAGATGTGCAGGTGTAACCCTGTGCCTTGTAACTGCAACCCTC
CCGTGCCACGGTATCTTCCAGAGGACGAGAACAAGCCGTAAGGAGATCACTTGAGGAAAAGAAAAATGTT
GGAAGAAGAGAGAAAATCGGATCTAACTAAACAGAAGCAAGAATGAAAGAATTGCAGAAAACCTGACA
ACCCGGGCTAAGGCTTATGACTCACATCAAAGTTTAGCTCAAATATCTAAATCCAGAGTAAAATGTCTCA
GAAAGAGCGAAAAGGAAAGGATGAGAGAATACCAACGAGAAGTGAAGAAAAGAGAAGAAAAATTAAGAAA
GAGGCCACTGCTATTTGAAAGAGTTGCTCAGAAAAATGCAAGAATGGCAGCAGAAAAGCATTATTCTAAT
ACCCTAAAAGCACTAGGAATATCTGATGAGTTTGTTCAAAGAAAAGGCCAAAGTGGAAAAGTACTTGAGT
ACTTCAACAATCAAGAGACGAAAAGTGTCACTGAAGACAAAAGAAAGCTTTAATGAAGAAGAAAAATAGA
AGAAAGAGAGAATGGGGAAGAAAATTTTATTGATACCAACAGCCAGGATTCTTACAAGGAAAAAGAT
GAAGCCAATGAGGAAAAGTGAAGAAGAGAAAATCTGTTGAAGAATCACACTGA
    
```

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001201543

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001201543.1](#), [NP\\_001188472.1](#)

**RefSeq Size:** 3871 bp

**RefSeq ORF:** 2151 bp

**Locus ID:** 84140

**UniProt ID:** [Q3B820](#)

**Cytogenetics:** 2p15

**Gene Summary:** This gene belongs to the FAM161 family. It is expressed mainly in the retina. Mouse studies suggested that this gene is involved in development of retinal progenitors during embryogenesis, and that its activity is restricted to mature photoreceptors after birth. Mutations in this gene cause autosomal recessive retinitis pigmentosa-28. Alternatively spliced transcript variants have been identified.[provided by RefSeq, Jan 2011]  
Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.