

## Product datasheet for SC212615

### FAM111B (NM\_001142704) Human 3' UTR Clone

#### Product data:

|                           |                                                                                                                                                                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | 3' UTR Clones                                                                                                                                                                                                                                            |
| Product Name:             | FAM111B (NM_001142704) Human 3' UTR Clone                                                                                                                                                                                                                |
| Symbol:                   | FAM111B                                                                                                                                                                                                                                                  |
| Synonyms:                 | CANP; POIKTMP                                                                                                                                                                                                                                            |
| Mammalian Cell Selection: | Neomycin                                                                                                                                                                                                                                                 |
| Vector:                   | pMirTarget (PS100062)                                                                                                                                                                                                                                    |
| ACCN:                     | NM_001142704                                                                                                                                                                                                                                             |
| Insert Size:              | 1140 bp                                                                                                                                                                                                                                                  |
| Insert Sequence:          | <p>&gt;SC212615 3'UTR clone of NM_001142704</p> <p>The sequence shown below is from the reference sequence of NM_001142704. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> |

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GATCATCAGATTGAACCATGGAATGTAGAAAAGAGATGCTGTCTTCAAGAAAATATGCCAATAATTC
CTGGCAAAGATTTTCATGACAAAGACACTTAAAGCAATTGCAACAAAAGTGAAAATTGGCAAATGAGACC
TAATTAATCTTCTGCACAGCAAAAGAACTATCAACAGGGTAAACACACAACCTACGGAATGGGAGAA
AATATTTGCAAACTATGCATACAGCAAAAGATCTAATATTCAGAATCCATTAGGAACCTAAACAGATTAA
CAAGCAAAAAAACAAGCAACCCATTAAAAAGTGGGCAAGGACATGAACAAACACTTTTCAAAAGAA
GATATACACATGGCCAACAAGGATATGAAAAAATACCTGATATCACTAATCATTAGAGAAATGCAATC
AAAAAATGCCATCACACTAATCAGAATGGCTGTTATTAATAATGCCAAAAAATTACAGATGCTGGCGAG
GTTGCAGAGAAAGGGGAATGCTTATACACTGCTAGTGGGAAAAATAAATTAGTTCAGCCATTGTGGAAAG
CAGTTGGGTGATTTCTAAAAGAACTTAAACAGCTACCATTCAAGCCAGCAATCTCATGACTGGGTATA
TGTCCAAAGGAATATAAATTGTTCTACCATAAAGACATGCACATATATGTTCACTGCAGCACTATTAC
AATAGCAAAACATGAAATCAACCTAAATGCCCATCAATGGTAGACTGGATAAAGAAAATGTGACACATA
TACACCATAGCATACTACACAGCCATAAAAAAGTACAAGATCATGTGCTTTGCAGCAACATGGATGGAA
CTGAAGGTCATTATCCTAAGCGAACTAATGCAGGAACAGAAAGCCAAGTACCACATGTTCTCTCATAAAG
TGGAAGCTAAATATTGAGTACACATGGACACAAAGAAAGAAAACAACAGATATGGGGCCTACTTGAGGGT
GGAGGGTGGGAGGAGGTGAAGACTGAAAACTGCCTATGGGGTACTATGCTTATTACCTGGGTGATGA
AATAATCTGAACACAAAACCTGGTGACATGCAGTTTACCTATATAACAAAACCTGCACATGGACTCTTA
AACCTAAATAAAAGTTTAAATATATATAATGCCAA
ACGCGTAAAGCGCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Restriction Sites:</b> | Sgfl-Mlul                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>OTI Disclaimer:</b>    | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).                                                                                                                                                                                                                                                                                                                                                     |
| <b>Components:</b>        | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq:</b>            | <u><a href="#">NM_001142704.2</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Summary:</b>           | This gene encodes a protein with a trypsin-like cysteine/serine peptidase domain in the C-terminus. Mutations in this gene are associated with an autosomal dominant form of hereditary fibrosing poikiloderma (HFP). Affected individuals display mottled pigmentation, telangiectasia, epidermal atrophy, tendon contractures, and progressive pulmonary fibrosis. Alternative splicing results in multiple transcript variants encoding distinct isoforms. A paralog of this gene which also has a trypsin-like peptidase domain, FAM111A, is located only 16 kb from this gene on human chromosome 11q12.1. [provided by RefSeq, Apr 2014] |
| <b>Locus ID:</b>          | 374393                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>MW:</b>                | 44.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |