

## Product datasheet for **SC210952**

### **FANCM (NM\_020937) Human 3' UTR Clone**

#### Product data:

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| Product Type:      | 3' UTR Clones                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Symbol:            | FANCM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Synonyms:          | FAAP250; KIAA1596; POF15; SPGF28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Mammalian Cell     | Neomycin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Selection:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Vector:            | pMirTarget (PSI00062)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| ACCN:              | NM_020937                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Insert Size:       | 912 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Insert Sequence:   | <p>&gt;SC210952 3'UTR clone of NM_020937</p> <p>The sequence shown below is from the reference sequence of NM_020937. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC AACCAAGATAGACTGAAATCTGATATAAATCAAGCTGCTCAAGATGGGGTTTTCAAAGACCTCTCACA ATATTAATGCACTTCAATAATCATTGCTGTTTTATGTTTATTTGTAATAAGAGAATATTTATTTAA ATATTTTATATTGTATACATTTTTATTTATAGATTATAGAAATTATTAAGAAAGAAAAATCTGATGTTT AGTGATCATTTTGACTAGATTATAAACTAATTTTCTTATTAATAAACAAGGTTTATTAAGAGTGT TACTAAGGATAGTTTAAGAAAGTAAAGCTAAGCTAGAGATATACTTTGGAATGTTTCCCAAAATTA GTTGTACTGTTGTGATAAATAGTAAAGTTGACATGCTATGACTACAGCCAACCTGTCGATTTTCCCTA TGTGTAGATAGTATACTTTAAGTGTACTGATTCTAATACATGTACTTGGTAAGGTGTGGGTGATGGG TGGGTTGTGAGATAAATGACCCAGTAACTAGGAAAGTAGAAACCTTAAGTGAATGTTTATCTGACCAAA GGTGTGTCCTCAGTTAAGTACTGTCAAATCTATTAATATGAAGTCTGATATGGTTTGGCTGTGTCCTCA CCAAATCTCATCTTGACTTGAATCTGAATTATAATCCCAATATATTGGGGAGGGACCTCCTGGAACG TGATTAGCTCATGGGGGCGGTTCCCATGCTGTTCTAGTGATAGTTCTCAGAGGATCTGATGGTTTTA TAAGCTTTTCTCTGTTCACTCTGCAGTTCTCTTGCCCTACTGCCATGTGGAAAAGGAAACGTTTGCTTC CCCTCCACCATGATTGTAAGTTCCTGAGGCTCCCGAGCCATGCAGGACTGTGAGTCAATTAACATCT TTTCCTTATAAATTA ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG </pre> |
| Restriction Sites: | SgfI-MluI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



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| <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>Note:</b>           | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq:</b>         | <u><a href="#">NM_020937.4</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Summary:</b>        | The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCI, FANCI (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCH is the same as FANCA. Fanconi anemia is a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage, and defective DNA repair. The members of the Fanconi anemia complementation group do not share sequence similarity; they are related by their assembly into a common nuclear protein complex. This gene encodes the protein for complementation group M. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015] |
| <b>Locus ID:</b>       | 57697                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>MW:</b>             | 34.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |