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# Product datasheet for SC205000

## FEZ1 (NM_005103) Human 3' UTR Clone

### Product data:

| | |
|---|---|
| **Product Type:** | 3' UTR Clones |
| **Product Name:** | FEZ1 (NM_005103) Human 3' UTR Clone |
| **Symbol:** | FEZ1 |
| **Synonyms:** | UNC-76 |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pMirTarget (PS100062) |
| **ACCN:** | NM_005103 |
| **Insert Size:** | 2000 bp |

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**Insert Sequence:**

>SC205000 3'UTR clone of NM_005103
The sequence shown below is from the reference sequence of NM_005103. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TACATTTTAAAAGTGCTCTGCCCTACCTAACCTTGCCCTTTGGAGCAGCCTCGCTGCAGGAGGTCACTG
AGCAAGAGTCATTCCATCACAGGGACTGCATGAGACCATGTAACCTCCGACATGTATTTAAACGTGTAT
AGCTTAACCTGGATTAAACACGAGCAAGCGCGCGGGGTCCTTTGCCGTTGGCTTCTAGTGCTAGTAATC
ATTGGATGCATGATGGGGCAGGGCCGGTGATGGTGCCTCCCCCTTGCTGGTGTCAGGAGAGGGGAAGGC
AGCCGCTTTCACCGCTCATTATGTAGTCTGGCTACAGCCCTCAAAAACAGCTTATACTCTTAAGACTAA
TTTTGAAATAAAACCTTCATTTAATTAATATTCTTCATGTGCTTTGGAGTGTGATGTCCATTAGCCCTC
TGCTCCAGACTCCAGAGACGGGCTGTATAGCATTCTTTGCACGCCGGCCTGTGGCCTGTGGCAGCCAGT
GCTGTGTTTAGGGACCGGGCGCATGTCCTGTTGTGGGTCGTGGTGGGATCATGGGACACAGTGGGGCTG
CATACAGCATAGGCAGAAGGAGACCCTCTGCAACCTCAGTTTTTGCTGCTCAGCCACATGCAAGGGAGC
TGCACCAGGGGCTGCAGAAAGGAGCTGGTCAGAGTGGGTGAGACGGGGGTGAGAGTGTGCAATTAGCAG
ATAGAAAGTGGGCCTCATGGAGGAGCCACACAGCTGCAGATCTCCTGGTGGGATGGCCAGGCTGGCCCT
GGAGACCCTCCCCAGGCTGTCCACGGGGACCTGGAGGCTCAGGGCCTGCGGGAAGTCAGCTCTGCTGAG
CTTTCCCAACGTAGGGGACTGCAACTTGTTTCCTGTACTTGACGAAACCACCACTCCCTGTTTGTCCCC
AACGACCCCTGGCAACAGTGTCCTTTGACTTTGCAGTGCTGTCCTGGCCCTTCCCGCGGCCCTCCATGA
ACAGCAGCTCTGACTCCTCGCACTGTCTCCAGCATTGATGGCAGGCAGCTGCCAGCCTTGACCAACCAG
CAGGCGAAGGTCTCCTCGTATCCCGGATGCTGGCTCGATCTCACCACAGTCTGAATTCTGTTGGCTTCC
GTCTTCTGGCTTGAAAGACATTGAGCCTGCCAATTCCCATATCCTCCTCTGAAAGCAAAAACTTGTACT
GGGCACTTGCTGTAGCCTGCACTGGCTTCATCGTGCATTAGCACACATCACAGCATCACCACGTGTAAA
CAGGTGCTAGTATGATCCCGATTTTGCAGAGGAGGAAACCAAGCAGCAGAGATGTTCAGTAGCTCGCCC
AAGGCTGTGTAGGAAGTGGTAGAGTCAGGCTGGCATTTAGGTTTCTTATCCAGTGAGACTTCCATTGAT
TCCCAGGAGTTTAGTGTCTGCTTGAACTAAGCATGCCACAGAGAAAGCCATACTTTATCACATCAGCAG
CTCCACAGAAGGCCACAGAATCCATCTAGGGGACACAGAAGGCACTCCCAGTGCCCTGCCTCCCTTCCT
GGGCCTCTGCTTTTTTTTTTTCAGACGGAGTTTGACTCTTGTTGCTCAGGCTGGAGTACAATGGCGCTA
TCTCAGCTCGCCGCAAACTCCGCCTCCCACGTTCAAGTGATTCTCCTGCCTCAGCCTCCCGAGTAGCTG
GGATTACAGGCATGCAGCACCACACCCAGCTAATTTTATATTTTTAGTAGAGACCAGGTTTCTACATGT
TGGTCAGGTTGGTCTCGAACTCCCGACCTCAGGCGATCTGCCCTCCTAGGCTTCCCAAAGTGCTGGGAT
TATAGGCGTGAGTCACCGCGCCTAGCTCGGCTTCTGCTTTTCCAGAAGCAGAACACTAGCAATCTTAGC
TAGGGGTGGCGGAGACTTATCCCCCCAGGAAAACTGCTGCAATGCCTAAAGCTCTAGTCCAGGCATCTG
CCCAGAGCAGAGCTTCTCCATAGATAGAGCCCCGGCTGCCACAGGAGCATGGAAGTGACAACTCGTCC
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** 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).

**Components:** 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.

**RefSeq:** NM_005103.5

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| **Summary:** | This gene is an ortholog of the C. elegans unc-76 gene, which is necessary for normal axonal bundling and elongation within axon bundles. Expression of this gene in C. elegans unc-76 mutants can restore to the mutants partial locomotion and axonal fasciculation, suggesting that it also functions in axonal outgrowth. The N-terminal half of the gene product is highly acidic. Alternatively spliced transcript variants encoding different isoforms of this protein have been described. [provided by RefSeq, Jul 2008] |
| **Locus ID:** | 9638 |
| **MW:** | 74.1 |

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