

## Product datasheet for **SC213715**

### FEZ1 (NM\_022549) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	FEZ1 (NM_022549) Human 3' UTR Clone
Symbol:	FEZ1
Synonyms:	UNC-76
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_022549
Insert Size:	1282 bp



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**Insert Sequence:** >SC213715 3' UTR clone of NM\_022549  
The sequence shown below is from the reference sequence of NM\_022549. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site  
**Blue**=Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

CCTTCAGGACGAGGAGTAA GAAGTCTTAATTGCCCTCTCCTGCTTCAGTCGAGAGCCCTGTAGTCTTGT  
CTCCTTGACATAGTGCTGGTTTCTGTCTATAGGTTTATGGGCTATTACTTTTCATTTTCGTGTTGCCAGCG  
GAGCAGTGCCCTGGTACTTGCTGTCATAGCTCTATATATGTCCCTTTACAGTCCCCTGAGGAGAACTTTC  
TAAATTGAAACCTTAGAGGAATGAAGTTTCTAGATACAAAATGGAATTTCCAGGAGCACAGTAAATT  
TCAGGGTCTGTCTATCTTAAGCTTTCTTATATCAGTGGAAATCCAGCGAGATATTAGAAATAAAGGCCA  
GAAAAAATTAATTAACCATGATGGATGAATCTATGTTATTGGACTAATTTGCTTCAAGAAACACCAGAAT  
TTTGAAAAATCCCGAATTTTTGACAGCCCTCAGGCCTGGAGAGTTATCTACAGATGTTAGGATATGTCCA  
CATAAGAAAGCATCTAAACTGAACTGAGAGCACAGCGGCTACCCTGGACAAAGTAAAGGTGAAACTAG  
GTGATGTGGCCTTTGAGTATGCAGATTCTGGTATCACTTGCTCGCTACTTTCTAGGGTCTTAATAGTAG  
TCAAGAAAAGGGATCTGAGAAAAGTACTCTTTCAGGAGGGACTAGAAAGAGAAGGGGGTATGTTTACA  
CAAATTAAGAAGGATGTCTTAGGCATTTAGTAAAAATTCAGTGGTCCCGCTATCCTCGGGGGATGTG  
TTTTTTGTTTTGTTTTGTTTTGTTTTTTTTGAGATGAAGTTTCATTCTATCGCCAGGCTGGAGTGCA  
ATGGCACAAATTTGGCTCACTGCAACCTCCACCTCCAGGTTCAAGCTATTCTCCTGCCTCAGCCTCCTG  
AGTAGCTGGGACTACAGGTGTGCGCCACCATGCCGACTAATTTTTGTATTTGAGTAGAGATGGGAGTT  
TCACCATGTTGGCCAGGCTGGTCTCGAACTCCTGACCTGGTGATTGTTGCCCGCTTGGCCTCCCAAAGTGC  
TGGGATTACAGGCGTGAGTCACCACACCTGGCCCATGGTGGGGATATGTTTTAAGACCCCAAGTTAATG  
CCTGAAACCGCTGCTAGTACCAAACCTAATGTTTTTCTGTATGTACGTACATATGATAAAGTTCAGT  
TTATAAGTTAGGCACAGTAAGAGACTAACAAACAGCTCACAGCCAATAGAGCAATTATAACAATATATTG  
TAATAAAAATTATGTGGATGTG

ACGCGT AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCG

**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\\_022549.2](#)

**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