

## Product datasheet for RN202295

### Fez1 (NM\_031066) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Fez1 (NM\_031066) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Fez1  
 Synonyms: MGC105385  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN202295 representing NM\_031066  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAGGCTCCACTGGTGAAGTCTGGATGAAGAGTTGAAGATATCAGGCCCTGCTGCACTGAGGACCCAG  
 AGGAAAAGCCACAAAGTCTCTATGGCACATCTCCTCACCACCTGGAGGACCCCTCCCTCTCCGAGCTTGA  
 GAATTTTTCTCCGAAATAATCAGCTTCAAGTCCATGGAGGACCTCGTGAATGAATTTGATGAGAAGCTC  
 AATGTCTGCTTTTCGAACTACAATGCCAAGACCGAGAACCTGGCTCCAGTGAAGAACCAGTTGCAGATCC  
 AGGAGGAGGAGGAGACTTTCGGGATGAGGAGGTTTGGGATGCTCTGACAGACAATTACATCCCTTCACT  
 CTCAGAAGACTGGAGGGACCCAAACATTGAAGCTCTGAATGGCAACAGCTCTGCACTGAGATCCACGAG  
 AAGGAAGAAGAAGATGAGTTCAATTGAGAAGAGTAAAACGACTCTGGTATCAACGAGGAGCCTCTCCTCA  
 CAGCTGACCAGGTGATTGAGGAGATCGAAGAAATGATGCAGAACCTCCAGATCCTGAGGAGGAAGTGGA  
 GGTGCTGGAAGAGGAGGATGGAGGAGAAATCTCGTCTCAGGCAGATTAGTCTGCTACAAGAGATGCAG  
 GCCCTGACGCAGACCTTCAACAACAACCTGGTCTATGAAGGCTGAGACACATGTCTGGTCTGAGCTGA  
 CAGAGCTGCTGGACAGGTGGAGGTTGCCATCCGTGACTTCTCGGAGGAGCTGGTCCACCAGCTGGCCCG  
 CAGAGATGAGCTGGAGTTTGAAGAAGTGAAGAACTTTTATCACGGTCTCATTGAGGTTTCAGAAT  
 AAGCAGAAGGAGCAGCGGAACTGATGAAGAAGAGGCGGAAAGAGAAGGGTTAAGCCTGCAGAGCAGTC  
 GGATAGAGAAGGGGAACAGATGCCTCTCAAGCGTTTCAGCATGGAGGCGATCTCCAACATCCTGCAGAG  
 TGGCATCCGACAGCTTTGGCTCCTCAGGAGCTGACAGACAGTACCTGAACACAGTCAATCCCTTATGAG  
 AAGAAATCTTCTCCTCCTCTGTGAAGACCTGCAGATGCTGACAAACATTCTCTTCGCCATGAAGGAGG  
 ATAACGAGAAGGTGCCTACTTTGCTAACGGACTACATTTAAAAGTGCTCTGTCCAACCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_031066
<b>Insert Size:</b>	1182 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_031066.1</a></u> , <u><a href="#">NP_112328.1</a></u>
<b>RefSeq Size:</b>	1697 bp
<b>RefSeq ORF:</b>	1182 bp
<b>Locus ID:</b>	81730
<b>UniProt ID:</b>	<u><a href="#">P97577</a></u>
<b>Cytogenetics:</b>	8q21
<b>Gene Summary:</b>	fasciculation and elongation protein zeta-1; interacts with protein kinase C zeta; may play a role in axon guidance [RGD, Feb 2006]