

## Product datasheet for **RN214068**

### Fezf1 (NM\_001109224) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fezf1 (NM_001109224) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fezf1
Synonyms:	RGD1560480
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN214068 representing NM\_001109224  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACAGTAGCTGCCTCAACGCGACCACCAAATGCTAGCGACTGCTCCAGCTCGGGGCAACGTGATGA  
 GCACATCCAAACCCTTGGCTTTCTCCATCGAACGAATCATGGCGCGACCCCTGAGCCTAAGGCCCTGCC  
 GGTCCCCCACTTCTGCAGGGAGCCGTGCCAAAGGGGACCCCAAGCACTCTCTGCATCTCAACTCGTCG  
 ATCCCCTGCATGATCCCTTTCGTTCCCGTGGCGTACGACACGAACTCCAAAGCAGGAGTGAATGGCTCAG  
 AGCCCCGCAAAGCGAGTTTGGAGGTTCCGGCGCCCGCGGTGGCGCCCTCCGCGCCCGCTTCCAGCTG  
 CAGCGACTGCTCAACTGCGCTTAAGTCTCAAGGGCGACTGGCCCGGACGCGCTGCCACTACAGCAG  
 TACAAGCTGGTAAGGCCGCGTGTGGTGAACCCTTTCGTTCCACGCCATGGGCGCCCTGTGCTACCTGA  
 ACCGAGGTGACGGCCCGTCCACCCGGCTGCGGGCGTGAACATCCACCCCGTGGCCTCTACTTTCTCAG  
 TTCCCCTTTCACCCACAGCCAAAACATATTTAGCCGAAAGGAATAAAGTGGTCGTCGCGGGTGGAG  
 AAGCTACCTTCGGGAGTAGCTTTCAAAGACCTGTCCAGGCTCAGCTACACAATTACATGAAAGAAAGCG  
 CCCAACTTTTGTGCGAAAAAATCGCTTTCAAACCTCGGATTTACGCCGCGGCTCTCCTAACGCCAAACC  
 CAAAGTTTCACTTGCAGAGTCTGCGGAAAGGTCTTAATGCGCACTATAACTTAACCCGTACATGCCG  
 GTGCACACAGGAGCCAGACCCCTTCGTGTGCAAAGTGTGTGGGAAAGGTTTCCGGCAAGCCAGCACCCCTT  
 GCCGGCATAAGATCATTACACACAGGAAAAACCCACAATGCAACCAGTGCGGGAAAGCGTTTAAATAG  
 AAGTCCACGTTAAACACACACACCCGAATTCACGCGGGCTACAAACCATTTCGTGTGTGAATTCTGTGGC  
 AAAGGATTTTCATCAAAAAGGGAATTACAAAAATCACAAGCTGACCCACAGCGGGGAGAAGCAGTTCAAGT  
 GCAATATCTGCAACAAGGCTTTCACCAGGTGTACAACCTCACCTCCACATGCACACTCACAACGACAA  
 GAAGCCTTTCACTTGCCCCACGTGTGGCAAGGGCTTCTGTAGGAACTTTGACCTCAAGAAGCATGTCCGC  
 AAGCTACACGACAGCAGCTGGGGCTGACCCGCACTCCTACTGGGGAGCCAGGCAGCGATCCGCCGCCCC  
 AGCTGCAACAGCCGCGCCCGCCTCTGCCGCCGTGCAACCTACCTTCCGCTCCCGGGCTCTGCA  
 ATCCGGGCTTACCAAGGCCACCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001109224
- Insert Size:** 1428 bp
- OTI Disclaimer:** 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).
- Components:** 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).
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
  2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
  3. Close the tube and incubate for 10 minutes at room temperature.
  4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
  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.

RefSeq: NM\_001109224.1, NP\_001102694.1  
RefSeq Size: 2409 bp  
RefSeq ORF: 1428 bp  
Locus ID: 500048  
Cytogenetics: 4q22