

## Product datasheet for **RN217068**

### Elf4 (NM\_001191735) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Elf4 (NM_001191735) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Elf4
Synonyms:	RGD1560743
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN217068 representing NM\_001191735  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTATTGCCCTGCAGCCAGCGATCTGGTCTTTGAGTTCGCAAGCAACGGGATGGATGATATCCACC  
 AGCTGGAAGACCCCTTCAGTGTTCCAGCTGTGATCGTGGAACAGGTCCCTATCCTGAATTAGTACATCT  
 GTACTCAGGACTGGATCTGGATGAAGTCCACAGTGGCATTACATAAGGGACAGGACCTTGTGCATGACACAG  
 GATCAGATCTTAGAAGGCAGTATTTTGCTGACAGATGACAATGTGTCCACCTCAAATAACTCGTCATCTA  
 CTGAAGTCTTCAATGTGGCAACTCCAGTGATGTCTGGATGAGAAGCAGATCTTCAGCACACCCGGA  
 AGTGCTTCCAGACTCCAACCTCTGTTCCAGCCATCAATCTGCCAACTTCTGCTTCCACCCCTGAACCT  
 GATGACCCAAAGAAGACAAGTGTGCTGGTGACCAGAAGGAGTATTCTCTGGAGGAGTTTCCAGAGAGG  
 AAAATCTTAGGAAGATTGGGAAGTACGGAAGAGAAAACCGAAAGACAAAGAACAACCGAAGTACCTCACC  
 TGTCACTGACCCAGCGTGCCCATCCGGAAGAAAATCCAAGGATGGCAAAGGCAGCACCATTTATCTGTGG  
 GAGTTCCTCTGGCTCTTCTGCAAGATAGAAAACCTGCCCAAATACATCAAGTGGACGACGAGGAGAGA  
 AAGGCATCTTCAAGTTGGTGGACTCCAAAGCTGTGTCCAAGCTGTGGGGCAAGCAGAAAAACAACTCTGA  
 TATGAACTATGAGACTATGGGGCGGGCCCTAAGATATTACTATCAGAGAGGAATCCTGGCCAAAGTGGA  
 GGGCAGAGGCTGGTATACCAGTTCAGGAGATGCCTAAGGACTTGGTGGTATTGACGATGAGGAGGAGA  
 GTACTGAAACACCAGAAGACTCTTCCAGGCCTACTTCTCCACACCTCTACCAGTACCACCCGGAG  
 ACCCAGCTCCAGGTTGTAAACCAGACCTCCCCGAGGACAAGGATAGTCCTTCTGGGAGAAGCCAAAG  
 GTTGAACACACTGGTCTCCAGCCCTCTGCAAGCCTGGAGTTAGGATTATCTGTGGATGAGGAGTCCCGA  
 CTACCTCACCATGATTGTGCTCAGTCCACTACAGAGCCAGGCCAAGCCCGCCAAAACCTGTGACTCTCAGC  
 GCCCAGTAACATCCACCTAGGAGTAGCCCCAGTGGGGCCCGGCTCCACGGTTACCCTGCAGACCATCCCA  
 CTGACTACGGTGTGACCAATGGGCCTCTGCCGGTACTACTGCTCCTGCTCAGCTCGTTCTTCAGAGTG  
 TCCACAGGTGTCAACGTTCAAGGACACCTCACTTTCAGACTTCTTTCCCTGAATGCCAGTTTGCA  
 AGAGAACCAGGTGGCAACCCAAGGGACCCATTGATCCTCAGTGGTCTCCCCAACTTCTGGCCGGGGCC  
 AACCATCAGAGCAACCCGGTAACATCCCAGGTATAGGTGCTGGGTGAGCAGGACCCAGCTCTCAGCCCC  
 CTGGGACTGTATTGCTGCCTTTATCAGGACTTCTAATGGCACTTCAGTGCCTGTGGTTAAGGAGGGGCC  
 CTTGAGGTCTTTCATATGTGCAGGTGTGGTAACTGGGGCCCCAGTGGAGGGGCTGTTGGTCCCTGAA  
 GAGACCCTAAGAGAGCTCCTGAGAGATCAGGCTCATCTTCAGCCACTTCAGAGTCAGGCGCTCTCAAGAG  
 GTTCCCATAACTGAGCCTTGTGGGGAACAGACTTTATCTCCCTAGCCACCCACTGTTGGGCTAAC  
 TCCGGTGGCTGAACTTGAGCTCTCATCCAGCTCAGGGTCCCTGTTGGTAACTGAGCCTAATATGACCACA  
 TCTGGGAGCCTGTGACCAGATCCCCACCCAGGCCCTTTCTCCCCATTCAATCCCACTTCCCTCATTAA  
 AGATGGAGCCCCATGACAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001191735

**Insert Size:** 1983 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).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

<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>NM_001191735.1, NP_001178664.1</u>
<b>RefSeq Size:</b>	2448 bp
<b>RefSeq ORF:</b>	1983 bp
<b>Locus ID:</b>	302811
<b>Cytogenetics:</b>	Xq36