

Product datasheet for **RN215054**

Elf1 (NM_053520) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elf1 (NM_053520) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Elf1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215054 representing NM_053520
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCTGTTGTCCAACAGAACGACCTAGTGTGGTACTTTGCAAGCAACGTCATGGAGGATGAACAGC
 AGCTTGGCGACCCCTGCCATATTTCTGCTGTCATTGTGGAACATGTTCTGGTGCTGATATTCTCAATGG
 TTATGCCGGGCTAGCCTGTGTGGAAGAACCCAATGACATGATTACTGAGAGCTCTCTGGATGTTGCTGAA
 GAAGAAATCATAGAGGATGACGATGACGACATCACCCCTTACAGTCGAGGCCTCTTGTCACAATGGAGATG
 AGACCATTGAGACCATTGGGGCTGCTGAGGCGCTCCTCAATATGGACTCTCTGGCCCTGTACTGGATGA
 AAAGCGAATCAATAATAATATATTTAGCTCTTCTGAAGATGACATCGTTGCCCAATCACCCACGTGTCT
 GTCACACTGGATGGGATTCCTGAGGTGATGAAACCCAGCAAGTGAAGAGTCCAATGCAGACTCCCCTG
 GAGCCTCCTCCCAGAGCAGCCCAAGAGAAAGAAGGGAAGAAAAACAAAACCACCAGCAGATCCCC
 GGCCACTACACCAAATATATCTGTGAAAAAGAAAAGTAAAGACGGGAAGGAAACACAATTTACCTTTGG
 GAGTTTTTACTGGCTCTGCTTCAGGACAAAGCTACCTGTCTTAAGTACATCAAATGGACACAGCGAGAAA
 AAGGCATTTTTAAGTTGGTGCAGCTCTAAAGCTGTGTCCAGATTATGGGGGAGCAGAAAAACAACTGA
 CATGAACTATGAGACCATGGGGCGAGCACTCAGGTAATTTACCAAGAGGTATTCTTGCAAAAGTGAA
 GGTGAGCGCTTGGTGTATCAGTTTAAAGAAATGCCAAAAGACCTTATCTACATAGACGATGAGGGTCCAA
 GTTCCAGCACAGAGTCTTCAGATCAGTCCTTATCTTCAACGACCACTTCTAGTCGGAATCAAGCAAACCG
 AACAGAATGTCTTCAAGTCCAGGAATAAAGGAGGGGCCACTACAATTTAAAACCAGGGAATCCTAAA
 GTTGCAAAACCCAAAGACACCGTGAAGTTGGGCAGCCTCAGAAGTTTTGAGGACAGTGCAGCCCTCAC
 AGGCTCCCTATCCTACCCAGCTCTTCCGGACTGTCCATGTGGTACAGCCAGTACAAGCCATCCCCGAAGA
 AGCAACCATAACCAGCACCATGCAGGAGGAAGCTGCAGGTTCTTCAAGTTCAGGGCATTAGGACGATACAG
 GCTTCAACCCAGGTTCCAGTAGTCGTCTCTGGCAACCAACAGCTACATACAGTAACACTCCAGACAG
 TGCCACTCACAACGGTTATAGCCAGCACAGACCCGTCATCAGGTGCAGGGCCGAGAAAATTTATTTTACA
 AGCCATTCATCATCACAGCCATGACAGTACTGAAAGAAAACGTCCTGCTACAGTCACAGAAGCCGGGC
 TCTCTCTTCAATCGTCTTACGCCCTACCCAGTACAGCAGGTCCTTACGGGCAGCGTTACGTCCTTG
 GCAATGGAGCTGCAGTATGGCTCACCTCCAACTTCAAGTGTACCGCACCTGTGGTACTTTCTCTCG
 GAGCTCACAGCTGGCTGCACACCACCAGGCACCGTGATCAGTCTGTTATCAAAGCTCAGGAAACAAAA
 ACTCCTAAAGCAGAGGTGGAGAAAAGGCTGAAGGTCATTTGAATGGAGACCCTGAGGAAATGAACAGC
 AGCCCCAGCCTTATGTGATGGTGGTGTCCAGTTCAAATGGGTTTTCTCTCAGGTAGCCATCACACAGAA
 TGAAGTGTAGAGCCAGCTCTTTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053520
- Insert Size:** 1848 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_053520.2](#), [NP_445972.2](#)

RefSeq Size: 2504 bp

RefSeq ORF: 1848 bp

Locus ID: 85424

Cytogenetics: 15q12

Gene Summary: inhibits Fc epsilonRI alpha chain expression; D. melanogaster homolog transactivates Pem homeobox gene expression [RGD, Feb 2006]