

Product datasheet for **RN200063**

Elf2 (NM_001033909) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elf2 (NM_001033909) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Elf2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200063 representing NM_001033909
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATCAGCAGTGGTTGGCGGCGGAGGCTCTGTTCTGGAGCTTCCAGCAATGGAGTAGAAAATCAAG
 AGGGAGGGGACACGGTCCCTGAATTTCCGGCAGTGATTGTGGAGCCCGTCCCAGTGCGAGGTTAGAGCA
 GGGCTACGCTGCCAGGTGCTGGTGTATGACGATGAGACTTACATGATGCAGGATGTGGCGAAGAACA
 GAAGTTGAGACGGAGAATTCAGAAACAGTGAAGCATCAGTTCACAGCAGTAATGCACACTGTACGGATA
 AGACCATGAAGCTGCTGAAGCCCTGTTTCATATGGAGTCTCCTACCTGCTTGAGGGATTCAAGAAGTCC
 CGTGAAGTGTTCCTCCTTGTATATCAACTCCAGAGTTTATCCATGCTGCGATGAGGCCAGATGTC
 ATTACGGAGACTGTAGTGGAGGTGTCAACAGAGGAGTCTGAACCAATGGATGCCTCGCTATCCCTACTT
 CACCAGACAGCCACGAACCAATGAAAAAGAAGAAAGTTGGCCGTAACCAAGACCCAGCAGTACCAGT
 TTCCAATGGGTCTCCTGAGTTAGGAGTCAAGAAGAAAGCCAGAGAAGGAAAAGGAAACACACCTATCTG
 TGGGAGTTTCTTTAGATCTGTTCAAGATAAAAAATACTTGTCAGGTATATTAATGGACTCAGAGAG
 AAAAGGGCATATCAAGCTGGTGGACTCAAGGCTGTCTCGAAGCTCTGGGAAAAGCATAAGAACAACCC
 AGACATGAACTATGAACTATGGGGCGAGCTCTGAGATACTACTACAAAGGGGAATTTCTTGAAAGGTT
 GAAGGACAGAGGCTCGTATATCAGTTCAAGGACATGCCAAAAACATAGTGGTCATTGATGATGACAAAA
 GTGAGACTTGCCCGAAGACTTGGCAGCAGCTGCTGATGACAAGTCTTTAGAACGAGTGTCACTATCTGC
 AGAAAGTCTCTGAAGGCAGCGACTGCCGTCCGAGGTGGGAAAACTCATCTCCTATGAACTGCTCCAGA
 GCAGAGAAGGGTGTGACTAGAGTTGTGAACATCACTTCCCCTGCTCAGTGCCTCATCCAGGTGCCTA
 CCACCACAGACCCGTGTCAGCAGCAGCAGCTCCAAGGACAGTTGCTGTGGCAATGCAAGTCCCTGTGGT
 AATGACATCACTGGGTCAAAGATTTCCACTGTGGCAGTTCAGTCAAGTCAATGCAGGCACACCATTAATA
 ACCAGCACAGTCCAGCTACAGCCAGCTCTCAAAGTAGTCATCCAGACGGTCCCGACTGTGATGCCAG
 CCTCCGCTGAGAAATGGAGACAGAATCACCATGCAGCCTGCCAAGATTATCACCATCCCGCTACCCAGCT
 TGCACAGTGTGAGCTGCAGACAAAGTCAAATCTGACTGGGTGAGGAAGCATTAGCCTTGTGGAACCCCG
 CTGGCTGTGAGAGCGCTCACCCCTGTTTCAATAGCCACGGTACACCTGTGATGAGACTATCTGTGCCCG
 CTCAGCAGGCTTCTGGCCAGACTCCTCCTCGAGTTATCAGTGGGTGTCATAAAAGGGCCAGAGGTTAAATC
 AGAAGCCAAAAAGCAGGAACACGATGTGAAAATTTGCAGCTGGTGAAGAAAAGGGGGCAGACGGAAT
 AAGACAGTAACCCATGTAGTGGTTGTGAGTGCAGTGCCTCTGCTATCGCCCTCCTGTGACTATGAAAACCG
 AAGGGCTGGTACGCTGTGAGAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001033909
- Insert Size:** 1776 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_001033909.1](#), [NP_001029081.1](#)

RefSeq Size: 3199 bp

RefSeq ORF: 1776 bp

Locus ID: 361944

Cytogenetics: 2q26