

Product datasheet for **RN200064**

Elf2 (NM_001012181) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elf2 (NM_001012181) 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: >RN200064 representing NM_001012181
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGAGCTCTCTGCATGAGGGACCCACGAACCAGCTGGATCTGCTCATCCGGCCGTGGAAGCATCAG
 TTCACAGCAGTAATGCACACTGTACGGATAAGACCATTGAAGCTGCTGAAGCCCTGCTTCATATGGAGTC
 TCCTACCTGCTTGAGGGATTCAAGAAGTCCCGAGTTTATCCATGCTGCGATGAGGCCAGATGTCATTACG
 GAGACTGTAGTGGAGGTGTCAACAGAGGAGTCTGAACCAATGGATGCCTCGCCTATCCCTACTTCACCCAG
 ACAGCCACGAACCAATGAAAAAGAAGAAAGTTGGCCGTAACCAAGACCCAGCAGTCACCAGTTTCCAA
 TGGGTCTCTGAGTTAGGAGTCAAGAAGAAAGCCAGAGAAGGAAAAGGAAACACAACCTATCTGTGGGAG
 TTTCTTTTAGATCTGCTCAAGATAAAAACTTGTCCCAGGTATATTAATGGACTCAGAGAGAAAAGG
 GCATATCAAGCTGGTGGACTCAAAGGCTGTCTCGAAGCTCTGGGAAAGCATAAGAACAACCCAGACAT
 GAACTATGAAACTATGGGGCAGCTCTGAGATACTACTACAAAGGGGAATTCCTGCAAAGTTGAAGGA
 CAGAGGCTCGTATATCAGTTCAAGGACATGCCCAAAAACATAGTGGTCATTGATGATGACAAAAGTGAGA
 CTTGCCCGGAAGACTTGGCAGCAGCTGCTGATGACAAGTCTTTAGAACGAGTGTCACTATCTGCAGAAAAG
 TCTCCTGAAGGCAGCAGCTGCCGTCCGAGGTGGGAAAACTCATCTCCTATGAACTGCTCCAGAGCAGAG
 AAGGGTGTGACTAGAGTTGTGAACATCACTTCCCTGCTCACGATGCTTCATCCAGGTGTCTACCACCA
 CAGCACCCGTGTCAGCAGCAGCAGCTCCAAGGACAGTTCGTGTGGCAATGCAAGTCCCTGTGGTAATGAC
 ATCACTGGGTCAAAGATTTCCACTGTGGCAGTTCAGTCAGTCAATGCAGGCACACCATTAATAACCAGC
 ACCAGTCCAGCTACAGCCAGCTCTCCAAAAGTAGTCATCCAGACGGTCCCGACTGTGATGCCAGCCTCCG
 CTGAGAATGGAGACAGAATCACCATGCAGCCTGCCAAGATTATCACCATCCCCGCTACCCAGCTTGCACA
 GTGTCAGCTGCAGACAAAAGTCAAATCTGACTGGGTGAGGAAAGCATTAGCCTTGTTGGAACCCCGCTGGCT
 GTGAGAGCGCTCACCCCTGTTTCAATAGCCACGGTACACCTGTGATGAGACTATCTGTGCCCGCTCAGC
 AGGCTTCTGGCCAGACTCCTCCTCGAGTTATCAGTGCAGTATAAAAAGGGCCAGAGGTTAAATCAGAAGC
 CAAAAAGCAGGAACACGATGTGAAAACCTTTCAGCTGGTAGAAGAAAAGGGGCAGACGGAATAAGACA
 GTAACCCATGTAGTGGTTGTGAGTGCAGTGCAGCCTCTGCTATCGCCCTCCTGTGACTATGAAAACCGAAGGGC
 TGGTGACGTGTGAGAAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001012181

Insert Size: 1560 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_001012181.2](#), [NP_001012181.1](#)

RefSeq Size: 3519 bp

RefSeq ORF: 1560 bp

Locus ID: 361944

Cytogenetics: 2q26