

Product datasheet for **MC218407**

Elf2 (BC092057) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elf2 (BC092057) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Elf2
Synonyms:	EU32, NERF, NERF-2, NERF-1A, NERF-1B
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC092057
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCATCGGCGGTGTTGACAGCGGAGGCTCTGCTCTGGAGCTTCTAGCAATGGAGGAGAAAATCAAG
 AGGGAGGTGACACGGGCCCTGACTACCGGCAGTGATTGTGGAGCCAGTCCAGTGCGAGGTTAGAGCA
 GGGCTATGCTGCCAGGTGCTGGTCTATGACGACGAGACTTATATGATGCAGGATGTGGCGAAGAACAG
 GAAGTTGAGACGGAGAATTCAGAAAACAGTGAAGCATCAGTTCACAGCAGTAATGCTCACTGTACGGATA
 AGACCATGAAGCTGCTGAAGCCCTGCTTCATATGGAATCTCCTACCTGCTTGAGGGATTCAAGAAGTCC
 TGAGTTTATCCATGCTGCGATGAGGCCGATGTCATCACAGAGACTGTAGTGGAGGTGCCACAGAAGAG
 TCTGAGCCGATGGATGCCTCGCCTATCCCTACTCACAGACAGCCACGAACCAATGAAAAAGAAAAAG
 TTGGCCGTAACCAAAGACCCAGCAGTACCAGTTTCCAATGGGTCTCCTGAGTTAGGAATCAAGAAGAA
 AGCCAGAGAAGGAAAAGGAAACACAACCTATCTGTGGGAGTTTCTTTTAGATTTGCTTCAAGATAAAAAT
 ACTTGTCCAGGTATATTAATGGACTCAGAGAGAAAAGGCATATTCAACTTGTGGACTCAAAGGCTG
 TCTCGAAGCTCTGGGGGAAGCATAAGAACAACAGATATGAACTATGAAACCATGGGGCGAGCGTTAAG
 ATATTACTACAAAGGGGAATCTTGCAAAGGTTGAAGGACAGAGGCTTGTATATCAGTTCAAGGACATG
 CCCAAAAACATAGTGGTCATTGATGATGACAAAAGTGAGACCTGCCCTGAAGACTTGGCAGCAGCTGCTG
 ATGACAAGTCTTTAGAACGAGTGTCACTATCTGCAGAAAGTCTCCTGAAGGCAGCAACTGCCGTCGAGG
 TGGGAAAACTCATCTCCTCTGAACTGCTCCAGAGCAGAGAAGGGTGTGGCTAGAGTTGTGAACATCACC
 TCCCCTACTCACGACGGTCTCCAGGTCTCCTACTACCACTGCACCTGTGTGAGCAGCAGCAGCTCCAA
 GGACAGTTCGTGTGGCAATGCAAGTCCCTGTGGTAATGACCTCACTGGCCAAAAGATTTACAGCGTGGC
 AGTTCAGTCAGTCAATGCAGGCACAGGCTCGCCGTTAATAACCAGCACCACTCCAGCCTCGGCCAGCTCT
 CAAAAAGTAGTCATCCAGACAGTCCCGACCGTGTGCCGCGCTCCACTGAAAATGGAGACAGAATACCA
 TGCAGCCTGCCAAGATTACCCATCCCGCCACCCAGCTCGCACAGTGTCAACTGCAGGCAAAGTCAAA
 CCTGACGGGGTCAGGAAGCATTAACTTGTGAAACCCCACTGGCTGTGAGGGCACTCACCCCTGTTTCA
 ATAGCCCACGGTACACCTGTAATGAGACTGTCTGTGCCTGCTCAGCAGGCTTCTGGCCAGACTCCTCCTC
 GAGTTATCAGTGCCTCCTAAAAGGGCCGAGGGGAAATCAGAAGCCAAAAGCAGGAACACGATGTGAA
 AACTTTGACGCTGGTAGAAGAGAAGGGGCAGACGGCAATAAGACAGTAACCCACGTAGTGGTCGTCAGT
 GCGCCGCTGCTATCGCCCTTCTGTGACTATGAAAACCGAAGGGCTAGTGACGTGTGAGAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC092057

Insert Size: 1746 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: [BC092057](#), [AAH92057](#)

RefSeq Size: 3150 bp

RefSeq ORF: 1745 bp

Locus ID: 69257

Cytogenetics: 3 C

Gene Summary: Probably transcriptionally activates the LYN and BLK promoters and acts synergistically with RUNX1 to transactivate the BLK promoter.[UniProtKB/Swiss-Prot Function]