

Product datasheet for **MC219415**

Elf2 (NM_023502) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elf2 (NM_023502) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Elf2
Synonyms:	2610036A20Rik; A230104O07Rik; AW111824; BB183398; EU32; NERF; NERF-1A; NERF-1B; NERF-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC219415 representing NM_023502
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATCGGCGGTGTTGACAGCGGAGGCTCTGCTCTGGAGCTTCTAGCGATGGAGGAGAAAAATCAAG
 AGGGAGGTGACACGGGCCCTGACTGCCCGCAGTGATTGTGGAGCCAGTCCAGTGCGAGGTTAGAGCA
 GGGCTATGCTGCCAGGTGCTGGTCTATGACGACGAGACTTATATGATGCAGGATGTGGCGAAGAACAG
 GAAGTTGAGACGGAGAATTCAGAAACAGTGAAGCATCAGTTCACAGCAGTAATGCTCACTGTACGGATA
 AGACCATGAAGCTGCTGAAGCCCTGCTTCATATGGAATCTCCTACCTGCTTGAGGGATTCAAGAAGTCC
 TGTGGAAGTGTTCCTCCTGTATATCAACTCCAGAGTTTATCCATGCTGCGATGAGGCCGGATGTC
 ATCACAGAGACTGAGTGGAGGTGCCACAGAAGAGTCTGAGCCGATGGATGCCTCGCTATCCCTACTT
 CACCAGACAGCCACGAACCAATGAAAAAGAAAAAGTTGGCCGTAACCAAGACCCAGCAGTCAACAGT
 TTCCAATGGGTCTCCTGAGTTAGGAATCAAGAAGAAAGCCAGAGAAGGAAAAGGAAACACAACTATCTG
 TGGGAGTTTCTTTAGATTTGCTTCAAGATAAAAAATACTTGTCAGGATATTAATGGACTCAGAGAG
 AAAAGGGCATATTCAACTTGTGGACTCAAGGCTGTCTCGAAGCTCTGGGGAAAGCATAAGAACAACCC
 AGATATGAACTATGAAACCATGGGGCGAGCGTTAAGATATTACTACCAAAGGGGAATTCCTGCAAAGGTT
 GAAGGACAGAGGCTTGTATATCAGTTCAAGGACATGCCAAAAACATAGTGGTCATTGATGATGACAAAA
 GTGAGACCTGCCCTGAAGACTTGGCAGCAGCTGCTGATGACAAGTCTTTAGAACGAGTGTCACTATCTGC
 AGAAAGTCTCTGAAGGCAGCAACTGCCGTCCGAGGTGGGAAAACTCATCTCCTCTGAAGTGTCCAGA
 GCAGAGAAGGGTGTGGCTAGAGTTGTGAACATCACCTCCCCTACTCACGACGTTCCCTCCAGGTCTCCTA
 CTACCCTGCACCTGTGTCAGCAGCAGCAGCTCCAAGGACAGTTGCTGTGGCAATGCAAGTCCCTGTGGT
 AATGACCTCACTGGGCCAAAAGATTTACGCGGTGGCAGTTCAGTCAGTCAATGCAGGCACAGGCTCGCCG
 TTAATAACAGCACCAGTCCAGCCTCGGCCAGCTCTCCAAAAGTATCATCCAGACAGTCCCGACCGTGA
 TGCCGGCCTCCACTGAAAATGGAGACAGAATCACCATGCAGCCTGCCAAGATTATCACCATCCCCGCCAC
 CCAGCTCGCACAGTGTCAACTCCAGGCAAAGTCAAACCTGACGGGGTCCAGGAAGCATTAAACATTGTTGGA
 ACCCCACTGGCTGTGAGGGCACTACCCCTGTTTCAATAGCCACGGTACACCTGTAATGAGACTGTCTG
 TGCTGCTCAGCAGGCTTCTGGCCAGACTCCTCCTCGAGTTATCAGTGCCTCTAAAAGGGCCGGAGGG
 GAAATCAGAAGCCAAAAGCAGGAACACGATGTAAAACTTGCAGCTGGTAGAAGAGAAGGGGGCAGAC
 GGCAATAAGACAGTAACCCACGTAGTGGTCGTCAGTGCCTGCTGCTATCGCCCTCCTGTGACTATGA
 AAACCGAAGGGCTAGTGACGTGTGAGAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_023502

Insert Size: 1782 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_023502.2](#), [NP_075991.1](#)

RefSeq Size: 5900 bp

RefSeq ORF: 1782 bp

Locus ID: 69257

UniProt ID: [Q9JHC9](#)

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]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.