

Product datasheet for **MG209109**

Elf2 (BC092057) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elf2 (BC092057) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Elf2
Synonyms:	EU32, NERF, NERF-2, NERF-1A, NERF-1B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG209109 representing BC092057
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCATCGGCGGTGTTGACAGCGGAGGCTCTGCTCTGGAGCTTCTAGCAATGGAGGAGAAAATCAAG
 AGGGAGGTGACACGGGCCCTGACTACCGGCAGTGATTGTGGAGCCAGTCCAGTGCGAGGTTAGAGCA
 GGGCTATGCTGCCAGGTGCTGGTCTATGACGACGAGACTTATATGATGCAGGATGTGGCGGAAGAACAG
 GAAGTTGAGACGGAGAATTCAGAAAACAGTGAAGCATCAGTTCACAGCAGTAATGCTCACTGTACGGATA
 AGACCATGAAGCTGCTGAAGCCCTGTTTCATATGGAATCTCTACCTGCTTGAGGGATTCAAGAAGTCC
 TGAGTTTATCCATGCTGCGATGAGGCCGATGTCATCACAGAGACTGTAGTGGAGGTGCCACAGAAGAG
 TCTGAGCCGATGGATGCCTCGCCTATCCCTACTCACAGACAGCCACGAACCAATGAAAAAGAAAAAG
 TTGGCCGTAACCAAAGACCCAGCAGTACCAGTTTCCAATGGGTCTCCTGAGTTAGGAATCAAGAAGAA
 AGCCAGAGAAGGAAAAGGAAACACAACCTATCTGTGGGAGTTTCTTTTAGATTTGCTTCAAGATAAAAAAT
 ACTTGTCCAGGTATATTAATGGACTCAGAGAGAAAAGGCATATTTCAACTTGTGGACTCAAAGGCTG
 TCTCGAAGCTCTGGGGGAAGCATAAGAACAACAGATATGAACTATGAAACCATGGGGCGAGCGTTAAG
 ATATTACTACAAAGGGGAATCTTGCAAAGGTTGAAGGACAGAGGCTTGTATATCAGTTCAAGGACATG
 CCCAAAAACATAGTGGTCATTGATGATGACAAAAGTGAGACCTGCCCTGAAGACTTGGCAGCAGCTGCTG
 ATGACAAGTCTTTAGAACGAGTGTCACTATCTGCAGAAAGTCTCCTGAAGGCAGCAACTGCCGTCGAGG
 TGGGAAAACTCATCTCCTCTGAACTGCTCCAGAGCAGAGAAGGGTGTGGCTAGAGTTGTGAACATCACC
 TCCCTACTCACGACGGTCTCCTCAGGCTCCTACTACCACTGCACCTGTGTGAGCAGCAGCAGCTCAA
 GGACAGTTCGTGTGGCAATGCAAGTCCCTGTGGTAAATGACCTCACTGGCCAAAAGATTTACAGCGTGGC
 AGTTCAGTCAGTCAATGCAGGCACAGGCTCGCCGTTAATAACAGCACCAAGTCCAGCCTCGGCCAGCTCT
 CAAAAAGTAGTCATCCAGACAGTCCCGACCGTGTGCCGCGCTCACTGAAAATGGAGACAGAATACCA
 TGCAGCCTGCCAAGATTACACCATCCCGCCACCCAGCTCGCACAGTGTCAACTGCAGGCAAAGTCAAA
 CCTGACGGGGTCAGGAAGCATTAACTTGTGAAACCCACTGGCTGTGAGGGCACTCACCCCTGTTTCA
 ATAGCCCACGGTACACCTGTAATGAGACTGTCTGTGCCTGCTCAGCAGGCTTCTGGCCAGACTCCTCCTC
 GAGTTATCAGTGCCTCTAAAAGGGCCGAGGGGAAATCAGAAGCCAAAAGCAGGAACACGATGTGAA
 AACTTTGCAGCTGGTAGAAGAGAAGGGGCAGACGCAATAAGACAGTAACCCACGTAGTGGTCGTCAGT
 GCGCCGCTGCTATCGCCCTTCTGTGACTATGAAAACCGAAGGGCTAGTGACGTGTGAGAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG209109 representing BC092057
 Red=Cloning site Green=Tags(s)

MASAVVDSGGSALALEPSNGGENQEGDTPDYRAVIVEPVPSARLEQGYAAQVLVYDDETYMMQDVAEEQ
 EVETENSETVEASVHSSNAHCTDKTIEAAEALLHMESPTCLRDSRSPFIHAAMRPDVITETVVEVSTEE
 SEPMDASPIPTSPDSHEPMKKKVVGRPKTQQSPVSNQSPELGIKKKAREGKGNNTYLWFLDLLQDKN
 TCPRYIKWTQREKGIKLVDSKAVSKLVGKHKNKPDMMNYETMGRALRYYYQRGILAKVEGQRLVYQFKDM
 PKNIIVIDDDKSETCPEDLAAAADDKSLERVLSAESLLKAATAVRGGKNSPLNCSRAEKGVARVVNIT
 SPTHDGSRSPTTAPVSAAPRTVRVAMQVPVMTSLGQKISAVAVQSVNAGTGSPLITSTSPASASS
 PKVVIQTVPTVMPASTENGDRITMQPAKIITIPATQLAQCLQAKSNLTGSGSINIVGTPLAVRALTPVS
 IAHGTPVMRLSVPAQQASGQTPPRVISALLKGPEGKSEAKKQEHVKTLLVVEEKGADGNKTVTHVVVVS
 APSAIALPVMTKTEGLVTCEK

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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]