

Product datasheet for **SC336436**

ELF2 (NM_001276459) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ELF2 (NM_001276459) Human Untagged Clone
Tag:	Tag Free
Symbol:	ELF2
Synonyms:	b; EU32; NERF; NERF-1A; NERF-1a; NERF-1B; NERF-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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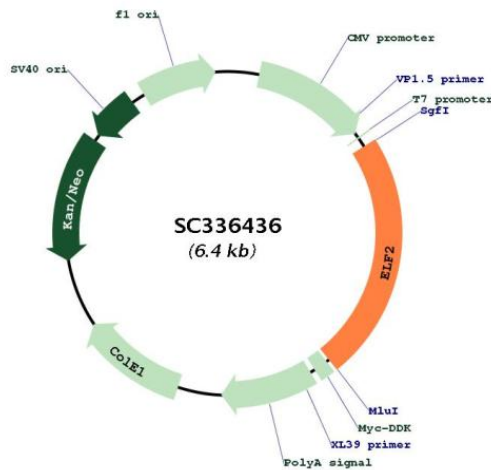
Fully Sequenced ORF: >SC336436 representing NM_001276459.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCGACGTCTCTGCATGAGGGACCCACGAACCCAGCTGGATCTGCTCATCCGGGCCGTGGAAGCATCA
GTTCCACAGCAGTAATGCACACTGTACAGATAAGACAATTGAAGCTGCTGAAGCCCTGCTTCATATGGAA
TCTCCTACCTGCTTGAGGGATTCAGAAGTCCTGAATTCATCCATGCTGCTATGAGGCCAGATGTCATT
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001276459

Insert Size:	1479 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:	<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:	NM_001276459.1
RefSeq Size:	2969 bp
RefSeq ORF:	1479 bp
Locus ID:	1998
UniProt ID:	Q15723
Cytogenetics:	4q31.1
Protein Families:	Druggable Genome, Transcription Factors
MW:	53 kDa
Gene Summary:	<p>Isoform 1 transcriptionally activates the LYN and BLK promoters and acts synergistically with RUNX1 to transactivate the BLK promoter.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (5) has an alternate exon in place of the first three exons and lacks an alternate in-frame exon compared to variant 1. Translation starts in the alternate exon, so the resulting isoform (5) has a shorter and distinct N-terminus and lacks an alternate internal segment compared to isoform 1.</p>