

## Product datasheet for **SC331060**

### ELF2 (NM\_001276457) Human Untagged Clone

#### Product data:

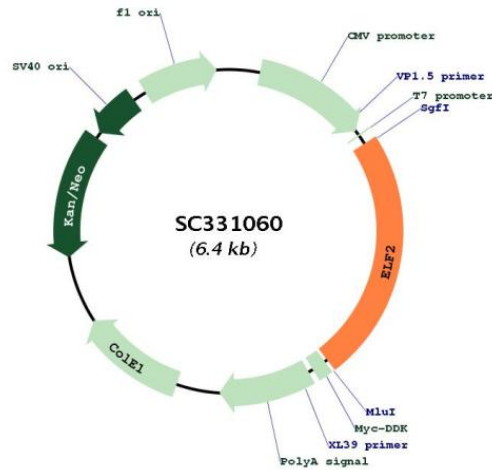
**Product Type:** Expression Plasmids  
**Product Name:** ELF2 (NM\_001276457) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** ELF2  
**Synonyms:** b; EU32; NERF; NERF-1A; NERF-1a; NERF-1B; NERF-2  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC331060 representing NM\_001276457.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGCGACGTCTGTCATGAGGGACCCACGAACCAGCTGGATCTGCTCATCCGGCCGTGGAAGCATCA
GTTACACAGCAGTAATGCACACTGTACAGATAAGACAATTGAAGCTGCTGAAGCCCTGCTTCATATGGAA
TCTCCTACCTGCTTGAGGGATTCAAGAAGTCCTGTGGAAGTGTGGTTCCTCCTTGTGTATCAACTCCA
GAATTCATCCATGCTGCTATGAGGCCAGATGTCATTACAGAACTGTAGTGGAGGTGTCAACTGAAGAG
TCTGAACCCATGGATACCTCTCCTATTCCAACATCACCAGATAGCCATGAACCAATGAAAAAGAAAAA
GGAAACACAACCTATTTGTGGGAGTTTCTTTTAGATCTACTTCAAGATAAAAAACTTGTCCAGGTAT
ATTAAATGGACTCAGAGAGAAAAAGGCATATTCAGCTGGTGGATTCAAAGGCTGTCTCTAAGCTTTGG
GGAAAGCATAAGAACAACCAGACATGAACTATGAAACCATGGGACGAGCTTTGAGATACTACTACCAA
AGGGGAATTTCTGCAAAGGTTGAAGGACAGAGGCTTGTATATCAGTTCAAGGATATGCCGAAAAACATA
GTGGTCATAGATGATGACAAAAGTGAAACCTGTAATGAAGATTTAGCAGGAACTACTGATGAAAAATCA
TTAGAACGAGTGTCACTGTCTGCAGAAAGTCTCCTGAAAGCAGCATCCTCTGTTCCGAGTGGAAAAAT
TCATCCCCTATAAACTGCTCCAGAGCAGAGAAGGGTGTAGCTAGAGTTGTGAATCACTTCCCCTGGG
CACGATGCTTCATCCAGGTCTCCTACTACCACTGCATCTGTGTCAGCAACAGCAGCTCCAAGGACAGTT
CGTGTGGCAATGCAGGTACCTGTTGTAATGACATCATTGGGTGAGAAAATTTCAACTGTGGCAGTTCAG
TCAGTTAATGCAGGTGCACCATTAAATAACCAGCACTAGTCCAACAACAGCGACCTCTCAAAGGTAGTC
ATTCAGACAATCCCTACTGTGATGCCAGCTTCTACTGAAAATGGAGACAAAATCACCATGCAGCCTGCC
AAAATTATTACCATCCCAGCTACACAGCTTGCACAGTGTCAACTGCAGACAAAAGTCAAATCTGACTGGA
TCAGGAAGCATTAACTTGTGGAAACCCATTGGCTGTGAGAGCACTTACCCCTGTTTCAATAGCCCAT
GGTACACCTGTAATGAGACTATCAATGCCTACTCAGCAGGCATCTGGCCAGACTCCTCCTCGAGTTATC
AGTGCAGTCATAAAGGGCCAGAGGTTAAATCGGAAGCAGTGGCAAAAAAGCAAGAACATGATGTGAAA
ACTTTGCAGCTAGTAGAAGAAAAACCAGCAGATGGAAATAAGACAGTGACCCACGTAGTGGTTGTCAGT
GCGCCTCAGCTATTGCCCTTCTGTAAGTATGAAAACAGAAGGACTAGTGACATGTGAGAAATAA
```

**Restriction Sites:** Sgfl-Mlul



[View online »](#)

**Plasmid Map:**


**ACCN:** NM\_001276457

**Insert Size:** 1515 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\\_001276457.1](#)

**RefSeq Size:** 3005 bp

**RefSeq ORF:** 1515 bp

**Locus ID:** 1998

**UniProt ID:** [Q15723](#)

<b>Cytogenetics:</b>	4q31.1
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>MW:</b>	54.3 kDa
<b>Gene Summary:</b>	<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 (3) has an alternate exon in place of the first three exons, uses an alternate in-frame splice junction at the 5' end of an internal exon, and lacks an alternate in-frame exon compared to variant 1. Translation starts in the alternate exon, so the resulting isoform (3) has a shorter and distinct N-terminus, contains an alternate internal segment, and lacks an alternate internal segment compared to isoform 1.</p>