

## Product datasheet for SC333254

### ELF2 (NM\_001276458) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ELF2 (NM\_001276458) 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:** >SC333254 representing NM\_001276458.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGGCGACGTCTGTCATGAGGGACCCACGAACCAGCTGGATCTGCTCATCCGGGCCGTGGAAGCATCA
GTTACACAGCAGTAATGCACACTGTACAGATAAGACAATTGAAGCTGCTGAAGCCCTGCTTCATATGGAA
TCTCCTACCTGCTTGAGGGATTCAAGAAGTCTGAATTCATCCATGCTGCTATGAGGCCAGATGTCATT
ACAGAACTGTAGTGGAGGTGTCAACTGAAGAGTCTGAACCCATGGATACCTCTCCTATTCCAACATCA
CCAGATAGCCATGAACCAATGAAAAAGAAAAAAGTTGGCCGTAACCAAAGACCCAGCAATACCAATT
TCCAATGGGTCTCCTGAGTTAGGTATAAAGAAGAAACCAAGAGAAGGAAAAGGAAACACAACCTATTTG
TGGGAGTTTCTTTAGATCTACTTCAAGATAAAAAATACTTGTCCAGGTATATTAATGGACTCAGAGA
GAAAAAGGCATATTCAAGCTGGTGGATTCAAAGGCTGTCTCTAAGCTTTGGGAAAAGCATAAGAACAAA
CCAGACATGAACTATGAAACCATGGGACGAGCTTTGAGATACTACTACCAAAGGGGAATTCTTGCAAAG
GTTGAAGGACAGAGGCTTGATATCAGTTCAAGGATATGCCGAAAAACATAGTGGTCATAGATGATGAC
AAAAGTGAACCTGTAATGAAGATTTAGCAGGAAGTACTGATGAAAAATCATTAGAACGAGTGCACTG
TCTGCAGAAAGTCTCCTGAAAGCAGCATCCTCTGTTCCGAGTGGAAAAAATTCATCCCCTATAAACTGC
TCCAGAGCAGAGAAGGGTGTAGCTAGAGTTGTGAATATCACTTCCCCTGGGCACGATGCTTCATCCAGG
TCTCCTACTACCACTGCATCTGTGTCAGCAACAGCAGCTCCAAGGACAGTTCGTGTGGCAATGCAGGTA
CCTGTTGTAATGACATCATTGGGTCAGAAAAATTTCAACTGTGGCAGTTCAGTCAGTTAATGCAGGTGCA
CCATTAATAACCAGCACTAGTCCAACAACAGCGACCTCTCCAAAGGTAGTCATTAGACAATCCCTACT
GTGATGCCAGTTCTACTGAAAAATGGAGACAAAATCACCATGCAGCCTGCCAAAATATTACCATCCCA
GCTACACAGCTTGACAGTGTCAACTGCAGACAAAGTCAAATCTGACTGGATCAGGAAGCATTAAACATT
GTTGGAACCCATTGGCTGTGAGAGCACTTACCCTGTTTCAATAGCCCATGGTACACCTGTAATGAGA
CTATCAATGCCTACTCAGCAGGCATCTGGCCAGACTCCTCCTCGAGTTATCAGTGCAGTCATAAAGGGG
CCAGAGGTTAAATCGGAAGCAGTGGCAAAAAGCAAGAACATGATGTGAAAACCTTGCAGCTAGTAGAA
GAAAAACCAGCAGATGGAATAAGACAGTGACCCACGTAGTGGTTGTGAGTGCAGTGCAGCTTACAGCTATTGCC
CTTCTGTAACATGAAAACAGAAGGACTAGTGACATGTGAGAAATAA
  
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001276458  
**Insert Size:** 1566 bp



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001276458.1</u>
<b>RefSeq Size:</b>	3056 bp
<b>RefSeq ORF:</b>	1566 bp
<b>Locus ID:</b>	1998
<b>UniProt ID:</b>	<u>Q15723</u>
<b>Cytogenetics:</b>	4q31.1
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>MW:</b>	56.1 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 (4) has an alternate exon in place of the first three exons and compared to variant 1. Translation starts in the alternate exon, so the resulting isoform (4) has a shorter and distinct N-terminus compared to isoform 1.</p>