

Product datasheet for SC121455

ELF2 (NM_201999) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ELF2 (NM_201999) Human Untagged Clone
Tag:	Tag Free
Symbol:	ELF2
Synonyms:	b; EU32; NERF; NERF-1A; NERF-1a; NERF-1B; NERF-2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_201999 edited
 GAATTCGGCACGAGGCCGGCTCCCTCCGGACGCTCGGCCAACGGCGGCGGCTAGTCCGCG
 GCCCTGCTGAGAGGGAAAAGGACGCCCGGCTCTCCAGCGCTCGCGGAGAGCAGTTCCA
 AAGAACTACTGGTTCAGATTTTAGCTCTTCCCAAGTTGTGAAAATAGTGAAGGATGCTTA
 GACTACTTAACATACAACTGCTTTCTGGTTAATCATCTTTAGAAGACTGGATTTCTGGA
 TATCTACTCCACTCCATCTCTATTGACTTTTAAAACATGATAATGCAAACCTATAACACT
 GGCAACCATCAGTGAACCTTTAATTTTCATTGATTAATAGCGTTTGAAGCTTCCTCAGGGA
 ATAACAATGACATCAGCAGTGGTTGACAGTGGAGGTAATTTTGGAGCTTCCAGCAAT
 GGAGTAGAAAATCAAGAGGAAAGTGAAGGTTTCTGAATATCCAGCAGTGATTGTGGAG
 CCAGTTCCAAGTCCAGATTAGAGCAGGGCTATGCAGCCAGGTTCTGGTTTATGATGAT
 GAGACTTATATGATGCAAGATGTGGCAGAAGAACAAGAAGTTGAGACCGAGAATGTGGAA
 ACAGTGGAAAGCATCAGTTCACAGCAGTAATGCACACTGTACAGATAAGACAATTGAAGCT
 GCTGAAGCCCTGCTTCATATGGAATCTCCTACCTGCTTGAGGGATTCAAGAAGTCCCTGAA
 TTCATCCATGCTGCTATGAGGCCAGATGTCATTACAGAACTGTAGTGGAGGTGTCAACT
 GAAGAGTCTGAACCCATGGATACCTCTCCTATTCCAACATCACCAGATAGCCATGAACCA
 ATGAAAAAGAAAAAGTTGGCCGTAAACCAAAGACCCAGCAATCACCAATTTCCAATGGG
 TCTCCTGAGTTAGGTATAAAGAAGAAACCAAGAGAAGGAAAAGGAAACACAACCTATTTG
 TGGGAGTTTCTTTAGATCTACTTCAAGATAAAAAACTTGTCCCAGGTATATTAATGG
 ACTCAGAGAGAAAAAGGCATATTTCAAGCTGGTGGATTCAAAGGCTGTCTAAGCTTTGG
 GGAAAGCATAAAGAACAACCAAGACATGAACTATGAAACCATGGGACGAGCTTTGAGATA
 TACTACCAAAGGGGAATTCTTGCAAAGGTTGAAGGACAGAGGCTTGTATATCAGTTCAAG
 GATATGCCGAAAAACATAGTGGTCATAGATGATGACAAAAGTGAACCTGTAATGAAGAT
 TTAGCAGGAACTACTGATGAAAAATCATTAGAACGAGTGTCACTGTCTGCAGAAAGTCTC
 CTGAAAGCAGCATCCTCTGTTCCGAGTGGAAAAAATTCATCCCCTATAAACTGCTCCAGA
 GCAGAGAAGGGTGTAGCTAGAGTTGTGAATATCACTTCCCCTGGGCACGATGCTTCATCC
 AGGTCTCCTACTACCACTGCATCTGTGTCAGCAACAGCAGCTCCAAGGACAGTTCGTGTG
 GCAATGCAGGTACCTGTTGTAATGACATCATTGGGTGAGAAAATTTCAACTGTGGCAGTT



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CAGTCAGTTAATGCAGGTGCACCATTAATAACCAGCACTAGTCCAACAACAGCGACCTCT
 CCAAAGGTAGTCATTAGACAATCCCTACTGTGATGCCAGCTTCTACTGAAAATGGAGAC
 AAAATCACCATGCAGCCTGCCAAAATTATTACCATCCCAGCTACACAGCTTGACAGTGT
 CAACTGCAGACAAAGTCAAATCTGACTGGATCAGGAAGCATTAACTTGTGGAACCCCA
 TTGGCTGTGAGAGCACTTACCCCTGTTTCAATAGCCCATGGTACACCTGTAATGAGACTA
 TCAATGCCTACTCAGCAGGCATCTGCCAGACTCCTCCTCGAGTTATCAGTGCAGTCATA
 AAGGGCCAGAGGTTAAATCGGAAGCAGTGGCAAAAAAGCAAGAACATGATGTGAAAACT
 TTGCAGCTAGTAGAAGAAAAACCAGCAGATGGAATAAGACAGTGACCCACGTAGTGTT
 GTCAGTGCGCCTTCAGCTATTGCCCTCCTGTAATATGAAAACAGAAGGACTAGTGACA
 TGTGAGAAATAAAATAGCAGCTCCACCATGGACTTCAGGCTGTTAGTGGCAGTACTGACA
 TAAACATTTGCAAGGGAAGTCATCAAGAAAAGTCAAAGAAGACTTTAAACATTTTTAAT
 GCATATACAAAAACAATCAGACTTACTGGAAATAAATTACCTATCCCATGTTTCAGTGGG
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 ACCCATCAATAAGAAAAAGGATCGAAAAGGACCAAGCAGCTCACTACGATATCAAGTTAC
 ACTAAGACTTGGAACTAACATTCTGTAAGAGGTTATATAGTTTTTCAGTGGGAGGGTT
 GGGATGGTAATCTCATTGTTACATATAGCAATTTTTGATGCATTTTATATGCATACCAG
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 TATAGGATTTTTAGAAATGTAATTGAAGAATGGATCCCAAAAAGTTCAGAAAAGAGGATAG
 CAAAAAAGATCTAGTGGGATTTTATATATATATATATATATATATACATACATATATAT
 ATATCATATAGCTTAAGCTGATTTAAAACAAAGGCCTTAGACTAATTTTTCGATTTTCTTT
 CTTGAAATAAGCTAATGGCTTGTGTGTAAGCTTTTTTATTAAGAAAAATTTTAA
 AATCTTGTACCTAGCACAGTATTGTTATAGAATATACATGTAACATTTTATATGGTAGTT
 TAAGTCTGTCAGTTTCTAATTGTGGACAAATTAACAGTTGGCTCTGGCCTTTTGTGTA
 ACATGCCTGTGCTACTCACTTAGCCTTGGCATTGTGTCAGACATACCATTTTCAGTTCTG
 CTGTCACTTGGAAAGTTCAGGCTCAGCATGAATTTTTGGCAGGTAGCTCTAATACCTGGAG
 TTTTCTTTGTTTTTTTTCTTTTTTTAGTTGAAGTTTATGAGGGAAATACCAGTGTTC
 GTTTTGAACTATAATAGTTTGTATATTCAACATTTGAAGTATATTCTATTTTGTGTACT
 CTTGTTTCAAAGTGATTCAAGC

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_201999 unedited
 CCGCGGTCTTCCAGGCGTCGCGGAGAGCAGTTCCAAAGAAGTACTGGTTAGATTTT
 CTCTTCCCAAGTTGTGAAAATAGTGAAGGATGCTTAGACTACTTAAACATACAAAGTCTT
 TCTGGTTAATCATCTTTAGAAGACTGGATTTCTGGATATCTACTCCACTCCATCTCTATT
 GACTTTTTAAAACATGATAATGCAAACCTATAAAGTGGCAACCATCAGTGAACCTTTAAT
 TTCATTGATTAATAGCGTTTGAAGCTTCCCTCAGGGAATAACAATGACATCAGCAGTGGTT
 GACAGTGGAGTACTATTTTGGAGCTTCCAGCAATGGAGTAGAAAATCAAGAGGAAAGT
 GAAAAGGTTTCTGAATATCCAGCAGTATTGTGGAGCCAGTCCAAGTGCAGATTAGAG
 CAGGGCTATGCAGCCAGGTTCTGGTTTATGATGATGAGACTTATATGATGCAAGATGTG
 GCAGAAGAACAAGAAGTTGAGACCGAGAATGTGGAAACAGTGGAAGCATCAGTTCACAGC
 AGTAATGCACACTGTACAGANTAGACAATTGAAGCTGCTGAAGCCCTGCTTCATATGGAA
 TCTCTACCTGNCTGAGGNNATCAAGAAGTCCCTGATTTCATCCATGCTGCTATGAGGCCA
 GATGTCATTACAGAACTGTAGTGGNAGGTGTCAACTGGAGAGTCTGAACCATGGATACC
 TCTCTATTCCACATACCAGATAGCCTGAACCATGAAAAGAAAAGNTGGCCGTAACCAAGA
 CCAGCATCACAATCCATGGGCTTCTGGGTTGGTTTANGAGAACCCGAGAGGANAGGAAC
 CACCCTTGGGGGAGTTCTTTAATCCA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_201999 unedited
 GGTACAGGGTAGCCACCCGGGCTCTGTTGAGGAAACAGCTATGACCCGGGCCGCAA

Restriction Sites:

NotI-NotI

ACCN:

NM_201999

Insert Size:

3100 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:	<u>NM_201999.1</u> , <u>NP_973728.1</u>
RefSeq Size:	3218 bp
RefSeq ORF:	1746 bp
Locus ID:	1998
UniProt ID:	<u>Q15723</u>
Cytogenetics:	4q31.1
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	Isoform 1 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).