

## Product datasheet for **MC219696**

### Elf1 (NM\_007920) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Elf1 (NM_007920) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Elf1
Synonyms:	Elf-1; mElf-1; p70; Sts1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219696 representing NM\_007920  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTGCTGTTGTCCAACAGAACGACCTAGTGTTTGAATTTGCAAGTAACGGCATGGAGGACGAGCAGC  
 AGCTTGGTGATCCTGCTATATTTCTGCTGTTATTGTGGAACATGTTCTGGTGCTGATATTCTCAATAG  
 TTATGCTGGTCTAGCTTGTGTGGAAGAGCCTAATGACATGATTACTGAGAGCTCATTGGATGTTGCTGAA  
 GAAGAAATCATAGACGATGACGATGACGACATCACCCCTTACAGTTGAGGCTTCTTGTGATAATGGAGATG  
 AAACAATTGAGACCATTGAGGCTGCCGAGGCACTCCTCAATATAGATTCTCCAGCCCTCTGTACTGGA  
 TGAAGCAATCAATAATAATATATTTAGCTCCTCTGAAGATGACATCGTTGCCCAATCACCCATGTG  
 TCCGTCACATTAGATGGGATTCTGAAGTATGGAAGTCAAGTCAAGAGACAAATGCAGACTCCC  
 CAGGAGCCTCTCCAGAGCAGCGCAAGAGAAAGAAAGGAAAGAAAACAAACCACCGCCAGATTC  
 CCCGACGACTACACCAAATATCTCTGTGAAAAAGAAAAATAAGATGGGAAGGAAACACAATTTACCTT  
 TGGGAGTTTTTGCTGGCCCTGCTTCAGGACAAAGCTACCTGTCTAAGTACATCAAGTGGACGCAGCGAG  
 AAAAGGGCATTTTAAGCTGTTGATTCTAAAGCCGTGTCTAGATTGTGGGGAAAGCACAAAAACAACC  
 TGACATGAACTACGAGACCATGGGGAGAGCACTCAGGACTATTACCAAAGAGGTATTCTTGCAAAAAGTG  
 GAAGGTCAGCGCTTGGTGTATCAGTTTAAAGAAATGCCAAAAGATCTTATCTACATAGATGATGAGGATC  
 CAAGTTCAGCATAGAGTCTTCGGATCAGTCTTATCGTCAACAACCGCATCAAGTCGGAATCAAGCAAA  
 CCGATCAAGAGTATCTCAAGTCCAGGAATTAAGGAGGGGCCGTACAATTCTAAAGCCCGGAATTCT  
 AAAGTGCAAACCCCAAAGATCCGGTGGAAAGTTGGACAACCTTCAGAAGTCTGAGGACAGTCAACCCCT  
 CACAGGCTCCCTATCCTACCCAGCTCTCCGAAGTTCATGTAGTACAGCCAGTACAAGCTGTCCAGAG  
 GGAAGCAACCATAGCCAGCACCATGCAGGAGGAAGCAGCAAAATTCAGTTCCAAGTATTAGGACTATA  
 CAGGCTTCAACCCAGTTCAGTGTGGTGTCTCCTGGCAACCAAGTTACATACAGTAACAGTGGCCAC  
 TCACAACGGTTATAGCCAGCATAGACCCATCATCAGGTGCTGGGTCTCAGAAAATCATTTTACAACCAT  
 TCCATCGTCACAGCCATGACAGTACTGAAAGAAAATGTCATGCTACAGTACAGAAAGCCAGGCTCTCCT  
 TCAATTGCTCAGCCCCACCAAGTACAGCAGGCTCCTACAAGCAATGTTCAAGTCCATTGCAATGGAG  
 CGGGCAGTGTGGCATCCGACCATCGTTCAGCGGACGACACCTGTGGTACTTTCTCTCGGAGTTCACA  
 GCTGGTCGCACACCCACCGGCACTGTGATCACTTCTGTTATCAAAGCTCAGGAAACAAAACCTTAAG  
 CAAGAGGTGGAGAAAAGCCGAAGATGATTTGAATGAAGATGCTGAGAAAAGTCCAGCAGCCCCAGC  
 CTTATGTGATGGTGTATCCAGTTCAAACGGGTTTTCTCTCAGGTAGCCGTCAAACAGAATGAAGTCT  
 AGAGCCCAACTCTTTTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_007920

**Insert Size:** 1839 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\\_007920.4](#), [NP\\_031946.1](#)

**RefSeq Size:** 4232 bp

**RefSeq ORF:** 1839 bp

**Locus ID:** 13709

**UniProt ID:** [Q60775](#)

**Cytogenetics:** 14 D3

**Gene Summary:** Transcription factor that activates the LYN and BLK promoters.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longer protein (isoform 1). Variants 1 and 2 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.