

Product datasheet for **MC228463**

Elf1 (NM_001286411) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elf1 (NM_001286411) 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: >MC228463 representing NM_001286411
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCTGTTGTCCAACAGAACGACCTAGTGTTTGAATTTGCAAGTAACGGCATGGAGGACGAGCAGC
 AGCTTGGTGATCCTGCTATATTTCTGCTGTTATTGTGGAACATGTTCTGGTGCTGATATTCTCAATAG
 TTATGCTGGTCTAGCTTGTGTGGAAGAGCCTAATGACATGATTACTGAGAGCTCATTGGATGTTGCTGAA
 GAAGAAATCATAGACGATGACGATGACGACATCACCCCTTACAGTTGAGGCTTCTTGTGATAATGGAGATG
 AAACAATTGAGACCATTGAGGCTGCCGAGGCACTCCTCAATATAGATTCTCCAGCCCTCTGTACTGGA
 TGAAGAAAGCAAATCAATAATAATATATTTAGCTCCTCTGAAGATGACATCGTTGCCCAATCACCCATGTG
 TCCGTCACATTAGATGGGATTCTGAAGTATGGAAGTCAAGTCAAGAGACAAATGCAGACTCCC
 CAGGAGCCTCTCCAGAGCAGCGCAAGAGAAAGAAAGGAAAGAAAACAAACCACCGCCAGATTC
 CCCGACGACTACACCAAATATCTCTGTGAAAAAGAAAAATAAGATGGGAAGGAAACACAATTTACCTT
 TGGGAGTTTTTGCTGGCCCTGCTTCAGGACAAAGCTACCTGTCTAAGTACATCAAGTGGACGCAGCGAG
 AAAAGGGCATTTTAAGCTGGTTGATTCTAAAGCCGTGTCTAGATTGTGGGGGAAGCACAAAAACAACC
 TGACATGAACTACGAGACCATGGGGAGAGCACTCAGGACTATTACCAAAGAGGTATTCTTGCAAAAAGTG
 GAAGGTCAGCGCTTGGTGTATCAGTTTAAAGAAATGCCAAAAGATCTTATCTACATAGATGATGAGGATC
 CAAGTTCAGCATAGAGTCTTCGGATCAGTCTTATCGTCAACAACCGCATCAAGTCGGAATCAAGCAAA
 CCGATCAAGAGTATCTTCAAGTCCAGGAATTAAGGAGGGGCCGTACAATTCTAAAGCCCGGAATTCT
 AAAGTGCAAACCCCAAAGATCCGGTGGAAAGTTGGACAACCTTCAGAAGTCTGAGGACAGTCAACCCCT
 CACAGGCTCCCTATCCTACCCAGCTCTCCGAACTGTTTCATGTAGTACAGCCAGTACAAGCTGTCCAGA
 GGAAGCAACCATAGCCAGCACCATGCAGGAGGAAGCAGCAAAATTCAGTTCCAAGTATTAGGACTATA
 CAGGCTTCAACCCAGGTTCCAGTGTGGTGTCTCCTGGCAACCAACAGTTACATACAGTAACAGTGCCAC
 TCACAACGGTTATAGCCAGCATAGACCCATCATCAGGTGCTGGGTCTCAGAAATTCATTTTACAACCAT
 TCCATCGTCACAGCCCATGACAGTACTGAAAGAAAATGTCATGCTACAGTACAGAAAGCCAGGCTCTCCT
 TCAATTGCTCAGCCCCACCAAGTACAGCAGGCTCCTACAAGCAATGTTCAAGTCCATTTGCAATGGAG
 CGGGCAGTGTGGCATCCGACCATCGTTCAGCGCAGCAGCACCTGTGGTACTTTCTCTCGGAGTTCACA
 GCTGGTGCACACCCACCGGCACTGTGATCACTTCTGTTATCAAAGCTCAGGAAACAAAACCTTAAG
 CAAGAGGTGGAGAAAAGGCCGAAGATGATTTGAATGAAGATGCTGAGAAAAGTGCCAGCAGCCCCAGC
 CTTATGTGATGGTGTATCCAGTTCAAACGGGTTTTCTCTCAGGTAGCCGTCAAACAGAATGAAGTCT
 AGAGCCCAACTCTTTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001286411
- 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001286411.1](#), [NP_001273340.1](#)

RefSeq Size: 3885 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 (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein (isoform 1).