

Product datasheet for **MR230562**

Elf1 (NM_001286412) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elf1 (NM_001286412) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Elf1
Synonyms:	Elf-1; mElf-1; p70; Sts1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>MR230562 representing NM_001286412
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTGCTGTTGTCCAACAGAACGACCTAGTGTTTGAATTTGCAAGTAACGGCATGGAGGACGAGCAGC
 AGCTTGGTGATCCTGCTATATTTCTGCTGTTATTGTGGAACATGTTCTGGTGCTGATATTCTCAATAG
 TTATGCTGGTCTAGCTTGTGTGGAAGAGCCTAATGACATGATTACTGAGAGCTCATTGGATGTTGCTGAA
 GAAGAAATCATAGACGATGACGATGACGACATCACCCTTACAGATAATAATATATTTAGCTCCTCTGAAG
 ATGACATCGTTGCCCAATCACCCATGTGTCCGTCACATTAGATGGGATTCCTGAAGTATGGAACTCA
 GCAAGTGAAGAGACAAATGCAGACTCCCAGGAGCTCCTCCCCAGAGCAGCGCAAGAGAAAGAAAGGA
 AGGAAAACAAAACCACCACGGCCAGATCCCAGCAGACTACACCAAAATATCTCTGTGAAAAAGAAAAATA
 AAGATGGGAAGGAAACACAATTTACCTTTGGGAGTTTTTGTGGCCCTGCTTCAGGACAAAGCTACCTG
 TCCTAAGTACATCAAGTGGAGCAGCAGGAGAAAAGGGCATTTTTAAAGCTGGTTGATTCTAAAGCCGTGCT
 AGATTGTGGGGGAAGCACAAAAACAAACCTGACATGAACTACGAGACCATGGGGAGAGCACTCAGGTACT
 ATTACAAAGAGGTATTCTTGA AAAAGTGAAGGTCAGCGCTTGGTGTATCAGTTTAAAGAAATGCCAAA
 AGATCTTATCTACATAGATGATGAGGATCCAAGTTCAGCATAGAGTCTTCGGATCAGTCCTTATCGTCA
 ACAACCGCATCAAGTCGGAATCAAGCAAACCGATCAAGAGTATCTTCAAGTCCAGGAATTAAGGAGGGG
 CCGCTACAATTTAAAGCCCGGGAATTTAAAGCTGCAAAACCCAAAGATCCGGTGAAGTTGGACAACC
 TTCAGAAGTCTGAGGACAGTGAACCCCTCACAGGCTCCCTATCTACCCAGCTCTTCCGAACTGTTTCA
 GTAGTACAGCCAGTACAAGCTGTCCAGAGGAAGCAACCATAGCCAGCACCATGCAGGAGGAAGCAGCAA
 ATTTCTCAGTTCCAAGTATTAGGACTATACAGGCTTCAACCCAGTTCCAGTAGTGGTGTCTCCTGGCAA
 CCAACAGTTACATACAGTAACAGTGCCACTCACAAACGGTTATAGCCAGCATAGACCCATCATCAGGTGCT
 GGGTCTCAGAAATTCATTTTACAAAACATTCCATCGTACAGCCCATGACAGTACTGAAAGAAAATGTCA
 TGCTACAGTACAGAAAGCCAGGCTCTCCTTCAATTGTCCTCAGCCCCACCAAGTACAGCAGGTCCTCAC
 AAGCAATGTTCAAGTCCATTTGCAATGGAGCGGGCAGTGTGGCATCCGCACCATCGTTCAGCGCAGCACA
 CCTGTGGTGACTTTCTCTCGGAGTTCACAGCTGGTCGCACACCCACCGGGCACTGTGATCACTTCTGTTA
 TCAAAGCTCAGGAAACAAAACCTTTAAGCAAGAGGTGGAGAAAAGGCCGAAGATGATTTGAATGAAGA
 TGCTGAGAAAAGTGCCAGCAGCCCGAGCCTTATGTGATGGTGTATCCAGTTCAAACGGGTTTTCTCT
 CAGGTAGCCGTCAAACAGAAATGAACTGCTAGAGCCCAACTCTTTT

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230562 representing NM_001286412
 Red=Cloning site Green=Tags(s)

MAAVVQQNDLVFEFASNGMEDEQQLGDP AIFPAVIVEHVPGADILNSYAGLACVEEPNDMITESSLDVAE
 EEIIDDDDDITLTDNNIFSSSEDDIVAPITHVSVTL DGIPEVMETQQVQETNADSPGASSPEQRKRKKG
 RKTkPPRPDSPTTTPNISVKKKNKDGKNTIYLW EFLALLQDKATCPKYIKWTQREKGFIFKLVDSKAVS
 RLWGHKHNKPD MNYETMGRALRYYYQRGILAKVEGQRL VYQFKEMPKDLIYIDDEPSSSIESDQSLSS
 TTASSRNQANRSRVSSSPGIKGGAAATILKPGNSKAANPKDPVEVGQPSEVLRVQPSQAPYPTQLFRTVH
 VVQPVQAVPEEATIASTMQEAAANSSVPSIRTIQASTQVPVVVSPGNQQLHTVTVPLTTVIA SIDPSSGA
 GSQKFILQTI PSSQPMVTLKENVMLQSQKPGSPSIVL SPTQVQQVLT SNVQSICNGAGSVASAPFSATT
 PVVTF SRSSQLVAHPPGTVITSVIKAQETKTLKQEVEKKAEDDLNEDA EAKSAQQQPYPVMVLS SSSNGFSS
 QVAVKQNELLEPNSF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

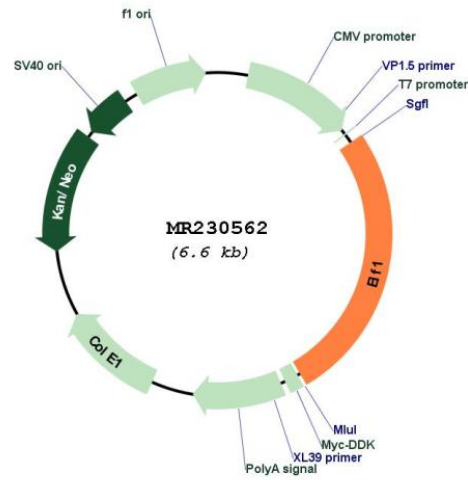
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001286412
 ORF Size: 1725 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001286412.1 , NP_001273341.1
RefSeq Size:	3774 bp
RefSeq ORF:	1728 bp
Locus ID:	13709
Cytogenetics:	14 D3
MW:	62.7 kDa
Gene Summary:	Transcription factor that activates the LYN and BLK promoters.[UniProtKB/Swiss-Prot Function]