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Product datasheet for MC228351

Elf1 (NM_001286412) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elf1 (NM_001286412) 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

View online »

Fully Sequenced ORF:

>MC228351 representing NM_001286412
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTGCTGTTGTCCAACAGAACGACCTAGTGTTTGAATTTGCAAGTAACGGCATGGAGGACGAGCAGC
AGCTTGGTGATCCTGCTATATTTCCTGCTGTTATTGTGGAACATGTTCCTGGTGCTGATATTCTCAATAG
TTATGCTGGTCTAGCTTGTGTGGAAGAGCCTAATGACATGATTACTGAGAGCTCATTGGATGTTGCTGAA
GAAGAAATCATAGACGATGACGATGACGACATCACCCTTACAGATAATAATATATTTAGCTCCTCTGAAG
ATGACATCGTTGCCCCAATCACCCATGTGTCCGTCACATTAGATGGGATTCCTGAAGTGATGGAAACTCA
GCAAGTGCAAGAGACAAATGCAGACTCCCCAGGAGCCTCCTCCCCAGAGCAGCGCAAGAGAAAGAAAGGA
AGGAAAACAAAACCACCACGGCCAGATTCCCCGACGACTACACCAAATATCTCTGTGAAAAAGAAAAATA
AAGATGGGAAGGGAAACACAATTTACCTTTGGGAGTTTTTGCTGGCCCTGCTTCAGGACAAAGCTACCTG
TCCTAAGTACATCAAGTGGACGCAGCGAGAAAAGGGCATTTTTAAGCTGGTTGATTCTAAAGCCGTGTCT
AGATTGTGGGGGAAGCACAAAAACAAACCTGACATGAACTACGAGACCATGGGGAGAGCACTCAGGTACT
ATTACCAAAGAGGTATTCTTGCAAAAGTGGAAGGTCAGCGCTTGGTGTATCAGTTTAAAGAAATGCCAAA
AGATCTTATCTACATAGATGATGAGGATCCAAGTTCCAGCATAGAGTCTTCGGATCAGTCCTTATCGTCA
ACAACCGCATCAAGTCGGAATCAAGCAAACCGATCAAGAGTATCTTCAAGTCCAGGAATTAAAGGAGGGG
CCGCTACAATTCTAAAGCCCGGGAATTCTAAAGCTGCAAACCCCAAAGATCCGGTGGAAGTTGGACAACC
TTCAGAAGTTCTGAGGACAGTGCAACCCTCACAGGCTCCCTATCCTACCCAGCTCTTCCGAACTGTTCAT
GTAGTACAGCCAGTACAAGCTGTCCCAGAGGAAGCAACCATAGCCAGCACCATGCAGGAGGAAGCAGCAA
ATTCTTCAGTTCCAAGTATTAGGACTATACAGGCTTCAACCCAGGTTCCAGTAGTGGTGTCTCCTGGCAA
CCAACAGTTACATACAGTAACAGTGCCACTCACAACGGTTATAGCCAGCATAGACCCATCATCAGGTGCT
GGGTCTCAGAAATTCATTTTACAAACCATTCCATCGTCACAGCCCATGACAGTACTGAAAGAAAATGTCA
TGCTACAGTCACAGAAGCCAGGCTCTCCTTCAATTGTCCTCAGCCCCACCCAAGTACAGCAGGTCCTCAC
AAGCAATGTTCAGTCCATTTGCAATGGAGCGGGCAGTGTGGCATCCGCACCATCGTTCAGCGCGACGACA
CCTGTGGTGACTTTCTCTCGGAGTTCACAGCTGGTCGCACACCCACCGGGCACTGTGATCACTTCTGTTA
TCAAAGCTCAGGAAACAAAAACTCTTAAGCAAGAGGTGGAGAAAAAGGCCGAAGATGATTTGAATGAAGA
TGCTGAGAAAAGTGCCCAGCAGCCCCAGCCTTATGTGATGGTGTTATCCAGTTCAAACGGGTTTTCCTCT
CAGGTAGCCGTCAAACAGAATGAACTGCTAGAGCCCAACTCTTTTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001286412

Insert Size: 1728 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_001286412.1, NP_001273341.1
RefSeq Size:	3774 bp
RefSeq ORF:	1728 bp
Locus ID:	13709
Cytogenetics:	14 D3
Gene Summary:	Transcription factor that activates the LYN and BLK promoters.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR and lacks an alternate, in-frame exon in the coding region compared to variant 1. The resulting protein (isoform 2) is shorter but has the same N- and C-termini compared to isoform 1.