

Product datasheet for **MC203756**

Elk3 (NM_013508) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elk3 (NM_013508) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Elk3
Synonyms:	D430049E23Rik; Erp; Etrp; Net; Sap-2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC005686
 GCGGGGCCCGCGCCGGGGTATGCGCGGTCTGGGCGGGCAGCCCCGGCGCACAGCCGGCCCGGGCG
 CACGGCGCGGGCGGAAAAGCCTGTTTACACAGACTGCACACCGCTGGGGAATAATGCAGTAAAGGAAG
 TGAGCAGGCTCGGCTGACTGCTCCAACCTCTGCTCTCACACACACCAGAGGAGGGGGGGGGGGGGG
 AAGAGAAAAAAGAGGAGCGAGAGAAAAAAGAGGGGGAAAAATCAGGATCTCATTACAA
 GAGCAACAGACCGTCTGCAGACGCTGTGAGTGGAAAGTGGGGGCTTTCACCCGGTTCCTCTAGAA
 ATCTCCCCAAGAAGACTCCCAACGCTCCCCACGTCTGGGTATGGAGAGTGAATCACGCTGTGGCAGT
 TCCTCTTGCACTTGTGCTGGACCAGAAACATGAGCACCTCATCTGCTGGACATCGAACGATGGCGAGTT
 CAAGCTCCTCAAGGCAGAGAAGTGGCCAACTGTGGGGCTCCGCAAGAACAAGACCAACATGAACTAC
 GACAAGCTGAGCAGAGCGCTGAGATACTATTACGACAAGAACATCATCAAGAAAGTGATCGGGCAGAAGT
 TTGTGTACAAGTTCGTCTCTTCCCGGATATCCTGAAAATGGATCCTCACGCGGTAGAGATCAGCCGGGA
 GAGCCTCTGCTGCAGGACGGGACTGTAAGGTGTCCCGGAAGGCCGAGAGGTCCACAGGCACGGCTTG
 TCCTCCCTCAAAGTGCCAGCCGCAACGAGTACCTCCACTCGGGCCTCTACTCGTCTTACCATCAACT
 CCCTGCAGAACGCTCCAGAGGCTTCAAGGCCATCAAGACGGAGAAGCTGGAGGAGCCCTGTGATGACAG
 CCCCCCTGTGGAAGAAGTCAAGACTGTGATCAGGTTTGTACCAATAAAACCGACAAGCACATCACCAGG
 CCTGTGGTGTCCCTGCCTTCCACATCCGAGACCGCTGCGGCAGCGGCATCCGCTTTCCTGGCCTCGTCTG
 TCTCAGCCAAGATCTCCTCTTAAATGTTGCCAAATGCTGCCAGCGTTTCGTCTGCGTCACCCCTTTCATC
 TCGGTCCCATCCCTGTCCCGGACTCTCCCTCCCTTCTGAACACAGAAGCCTTCTCTGGAGGCGAGCC
 TGCCATGAGTCGGATTCTCTGGAGCCCTGAATCTGTCATCGGGCTCCAAAACCAAGTCTCCATCTCTTC
 CCCCAAAAGGCAAAAACCCAAAGGCTTGGAAATCTCTGCACCCCAACTGTTGCTCTCCGGCACCAGACAT
 CGGCTCCATCGCCTCAACAGCCAGCCCTCCCTCAGGATCCCTCACTCCAACCTTCTTACCAGCACAG
 ACACCAAGTGGACTGTTTCTGGCCTCGAGTCCGCTGCTGCCAGCATACTTCTGGAGCAGTCTTAGTC
 CGGTCCGCCACTGAGTCCCGCAGGCTGCAAGGGCCGAACACACTTTTCCAGTTCACCCACTGCTCAA
 CGGTACATGCCGGTCCGCTCCCGAGTCTGGACAGAGTCCATCCCGAGTTCGTGTCCCGCAGCTCT
 CAGAAATCCTGATGATGGCCACCAACTGTCACTGTCATCAACTAAGGACTCAGAACAGATGACGGATGA
 TGCCAGTTTGTCCCATGGGCTAGTTTACCTGTGTGATGAGAAGGACATTGTGAAACCTGGTTTCATTTGG
 TTTGCACTTTTTCGTAACATGGATAATCTAGATGTATGTTAGCATTTTAAAAACAAAAGTTTGTCTTTTAA
 TATATATATATATATATTCAGCTCTCTATAAAAGTCTGTTTTCGATTTCAGTGAATTTTAAATGTTTGTGTT
 TTTTTTAAATCTGTTAGCTCTGGAGTGTGAACACTGCCAGGGAGGAGCCTTTCTTAATGTTTTCAATG
 TAACTAATGAGGATGTGAAGCCTTTTATTGCTTTAACTCTACATATGCTGAACTCCGCTTGACATACCGA
 TGTAACCAGCTGTGCCTTCTTTGCATTTAGTGTATATGTACATGAATTTATGATTTTCTAGTATTGAG
 AGGAACTGTTTGAAGACACCTTGGCATCAACTGCTCTCTGTAGAGGGTATTTTCTCAGCTAGACACG
 TTCAAGTGAACCTCCATCGCGGTAAAGAACTGCCTTAGGACCTCTTCGGAAGTAAATCCAGTAATGTCCA
 AGTGATGGGTTTTATATAAGAATGAACGAAGCCATATTTAGACAATAAACATTGTTTAAAGAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_013508

Insert Size: 1230 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: [BC005686](#), [AAH05686](#)

RefSeq Size: 2345 bp

RefSeq ORF: 1230 bp

Locus ID: 13713

UniProt ID: [P41971](#)

Cytogenetics: 10 48.04 cM

Gene Summary: May be a negative regulator of transcription, but can activate transcription when coexpressed with Ras, Src or Mos. Forms a ternary complex with the serum response factor and the ETS and SRF motifs of the Fos serum response element.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longest isoform (Elk3, also known as Net). This isoform is predominantly localized in the nucleus and has been shown to inhibit transcription (PMID:20304071). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.