

Product datasheet for RN212867

Elk1 (NM_001108059) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Elk1 (NM_001108059) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Elk1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN212867 representing NM_001108059
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACCCATCTGTGACACTGTGGCAGTTTCTGCTGCAGCTTCTAAGAGAACAAGGTAATGGCCACATCA
 TCTCCTGGACCTCACGGGATGGTGGTGAGTTCAAGTTGGTGGATGCAGAAGAGGTGGCCCGGCTATGGGG
 ACTGCGCAAGAACAAGACCAACATGAATTATGACAAGCTTAGCCGGGCTTGCCTACTACTATGATAAG
 AATATCATCCGCAAGGTGAGCGGCCAGAAGTTTGTCTACAAGTTTGTGTCTACCCAGAGGTTGCAGGGT
 GCTCCACTGAAGACTGCCACCCAGCCTGAGGTGTCTGTAACCTCGGCCGTAGCAATGGCCCTGCTAC
 TGTCCATTAGGGCCAGGGGACAATGCCACTGGAAAGCCAGGAACACCAAGGGTGCAGGAATGACAGGC
 CAAGGTGGCTTAGCACGAAGCAGCCGGAATGAATACATGCGCTCGGGCCTCTATTCTACCTTACAATAC
 AGTCCCTGCAGCCACAGCCACCCCTTATCCTCGGCCTGCCTCAGTGCTTCCCAACTACCCCTGCAGG
 AGTACCAGCACCCCTCAGGGAGCAGGAGCACCAGTCCAAACCCCTTAGAAGCCTGCTTGGAGGCAGAA
 GAGGCTGGTCTGCCCTGCAGGTTATCTTAACCCACCAGAGGCCCAAACCAGAAATCTGAAGAGTTGA
 GTCTGAACCCAGTTTTGGCCGTCCACAACCCCAAGTCAAAGTGGAGGGCCTAAGGAAGAATTGGA
 AGTTACAGAGGTTGGAGGCTTCACTCCAGAAGCTGTCAAAGCTGAACAAGAAGTCTACCCCTCAGAAGGC
 CTGCTGGCTCGGCTCCCAGCCATCCTAACAGAGAATACAGCACAGGTGTGTGGCCTCTCCACCTCCACCA
 CTGAGATCACCCAAACCCAGAAGGGCCGGAAGCCCGAGACCTGGAACCTCCACTTAGCCCAAGCCTGCT
 AGGTGGCCAAGGACCCGAACGGACTCCAGGATCAGGAACAAGCTCTGGTCTTCCAGGCACAGGGGCCAGCA
 CTAACACCATCCTTGCTCCCCACACATACCTTGACCCCGGTGCTGCTGACACCCAGCTCGCTGCCCCCA
 GCATCCATTTCTGGAGCACTCTGAGTCCAATTGCACCCGCTAGTCCAGCCAAGCTCTCCTCCAGTTTCC
 GTCCAGTGGCAGCGCACAGGTGCACATCCCTCCATCAGCGTGGATGGCCTCTCGACTCCCGTGGTGCTC
 TCCCCAGGGCCCAAAGCCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001108059
Insert Size:	1284 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:	<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:	<u>NM_001108059.3</u> , <u>NP_001101529.1</u>
RefSeq Size:	2779 bp
RefSeq ORF:	1284 bp
Locus ID:	314436
UniProt ID:	<u>A4GTP4</u>
Cytogenetics:	Xq11
Gene Summary:	This gene is a member of the Ets family of transcription factors and of the ternary complex factor (TCF) subfamily. Proteins of the TCF subfamily form a ternary complex by binding to the the serum response factor and the serum response element in the promoter of the c-fos proto-oncogene. The protein encoded by this gene is a nuclear target for the ras-raf-MAPK signaling cascade. Multiple isoforms are produced from this gene by the use of alternative translational start codons. [provided by RefSeq, Mar 2012]