OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MG206430

Elk3 (NM_013508) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elk3 (NM_013508) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Elk3
Synonyms:	D430049E23Rik; Erp; Etrp; Net; Sap-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence:

>MG206430 representing NM_013508
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGAGTGCAATCACGCTGTGGCAGTTCCTCTTGCACTTGCTGCTGGACCAGAAACATGAGCACCTCA
TCTGCTGGACATCGAACGATGGCGAGTTCAAGCTCCTCAAGGCAGAAGAAGTGGCCAAGCTGTGGGGCCT
CCGCAAGAACAAGACCAACATGAACTACGACAAGCTGAGCAGAGCGCTGAGATACTATTACGACAAGAAC
ATCATCAAGAAAGTGATCGGGCAGAAGTTTGTGTACAAGTTCGTCTCTTTCCCGGATATCCTGAAAATGG
ATCCTCACGCGGTAGAGATCAGCCGGGAGAGCCTCCTGCTGCAGGACGGCGACTGTAAGGTGTCCCCGGA
AGGCCGAGAGGTCCACAGGCACGGCTTGTCCTCCCTCAAAAGTGCCAGCCGCAACGAGTACCTCCACTCG
GGCCTCTACTCGTCCTTCACCATCAACTCCCTGCAGAACGCTCCAGAGGCCTTCAAGGCCATCAAGACGG
AGAAGCTGGAGGAGCCCTGTGATGACAGCCCCCCTGTGGAAGAAGTCAGGACTGTGATCAGGTTTGTGAC
CAATAAAACCGACAAGCACATCACCAGGCCTGTGGTGTCCCTGCCTTCCACATCCGAGACCGCTGCGGCA
GCGGCATCCGCTTTCCTGGCCTCGTCTGTCTCAGCCAAGATCTCCTCTTTAATGTTGCCAAATGCTGCCA
GCGTTTCGTCTGCGTCACCCTCTTCATCTCGGTCCCCATCCCTGTCCCCCGACTCTCCCCTCCCTTCTGA
ACACAGAAGCCTCTTCCTGGAGGCAGCCTGCCATGAGTCGGATTCTCTGGAGCCCCTGAATCTGTCATCG
GGCTCCAAAACCAAGTCTCCATCTCTTCCCCCAAAAGGCAAAAAACCCAAAGGCTTGGAAATCTCTGCAC
CCCAACTGTTGCTCTCCGGCACCGACATCGGCTCCATCGCCCTCAACAGCCCAGCCCTCCCCTCAGGATC
CCTCACTCCAACCTTCTTCACCGCACAGACACCAAGTGGACTGTTTCTGGCCTCGAGTCCGCTGCTGCCC
AGCATACACTTCTGGAGCAGTCTTAGTCCGGTCGCCCCACTGAGTCCCGCCAGGCTGCAAGGGCCGAACA
CACTTTTCCAGTTCCCCACACTGCTCAACGGTCACATGCCGGTGCCGCTCCCCAGTCTGGACAGAGCTCC
ATCCCCAGTTCTGCTGTCCCCCAGCTCTCAGAAATCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

View online »

Protein Sequence:

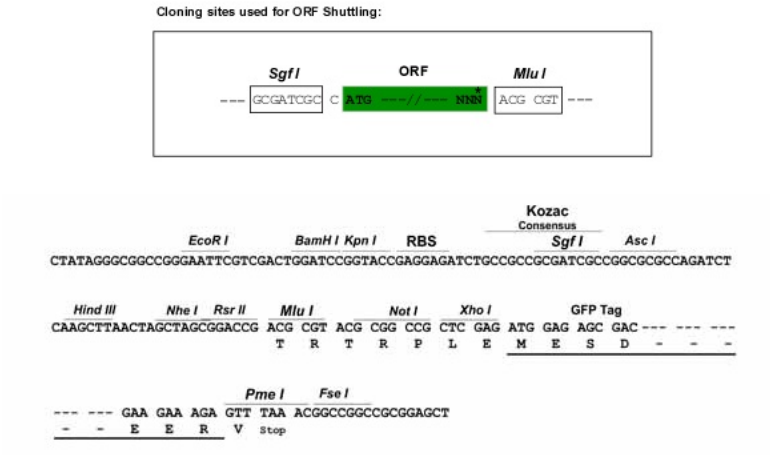
>MG206430 representing NM_013508
Red=Cloning site Green=Tags(s)

MESAITLWQFLLHLLLDQKHEHLICWTSNDGEFKLLKAEEVAKLWGLRKNKTNMNYDKLSRALRYYYDKN
IIKKVIGQKFVYKFVSFPDILKMDPHAVEISRESLLLQDGDCKVSPEGREVHRHGLSSLKSASRNEYLHS
GLYSSFTINSLQNAPEAFKAIKTEKLEEPCDDSPPVEEVRTVIRFVTNKTDKHITRPVVSLPSTSETAAA
AASAFLASSVSAKISSLMLPNAASVSSASPSSSRSPSLSPDSPLPSEHRSLFLEAACHESDSLEPLNLSS
GSKTKSPSLPPKGKKPKGLEISAPQLLLSGTDIGSIALNSPALPSGSLTPTFFTAQTPSGLFLASSPLLP
SIHFWSSLSPVAPLSPARLQGPNTLFQFPTLLNGHMPVPLPSLDRAPSPVLLSPSSQKS

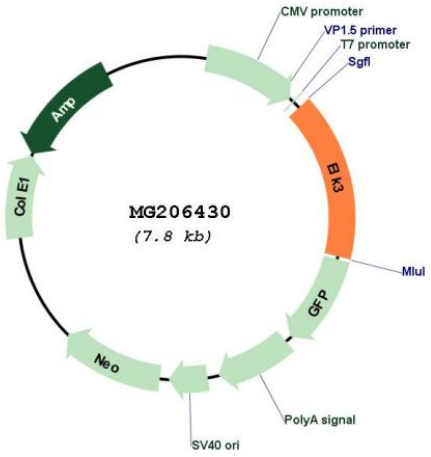
TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_013508

ORF Size:	1227 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:	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_013508.1, NP_038536.1
RefSeq Size:	2658 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]