

## Product datasheet for **MG217599**

### Elf5 (NM\_001145813) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Elf5 (NM\_001145813) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Elf5  
**Synonyms:** ESE-2; ESE-5; ESE-5.  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG217599 representing NM\_001145813  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTGGACTCCGTAACCCATAGCACCTTCCTGCCAACGCATCCTTCTGTGACCCCTGATGCCTTGGAC  
CCGATCTGTTCCAGCAATGAAGACTACTACCCTGCCTTTGAGCATCAGACAGCCTGTGATTCTACTGGAC  
ATCAGTGACCCTGAATACTGGACCAAGCGCCATGTCTGGGAATGGCTCCAATTCTGCTGCGACCAGTAC  
AAGCTTGATGCCAACTGCATCTCCTTCTGTCACTTCAACATCAGCGGCCTGCAGCTCTGCAGCATGACGC  
AGGAGGAGTTCATTGAGGCAGCCGCATCTGTGGGGAGTACCTGTACTTCAATTCTCCAGAACATTGCTC  
GCAAGGTTACTCCTTTTTCAATGATGCTGAAGAGACCAAGACTGGCATCAAAGACTATGCTGATTCCAGT  
TGCTTGAAAACAAGTGGCATCAAGAGTCAAGACTGTCAACAGCCGAACAAGCTCCAAAGTTCTCACCTGT  
GGGAATTTGTGAGAGACTTGCTGCTGTCCCTGAAGAGAACTGTGGCATCCTGGAATGGGAAGACAGGGA  
GCAGGGCATTTCGAGTGGTTAAGTCAGAAGCCCTGGCAAAGATGTGGGGACAAAGGAAGAAGAATGAC  
AGGATGACGTACGAGAAGCTGAGCCGAGCCCTGAGATACTACTATAAAACGGGAATTCTGGAGCGGGTTG  
ACCGGAGTTAGTGTACAAATTTGAAAAGAACGCGCACGGGTGGCAGGAAGAGAACTC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**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\\_001145813.1](#), [NP\\_001139285.1](#)

**RefSeq Size:** 2125 bp

**RefSeq ORF:** 762 bp

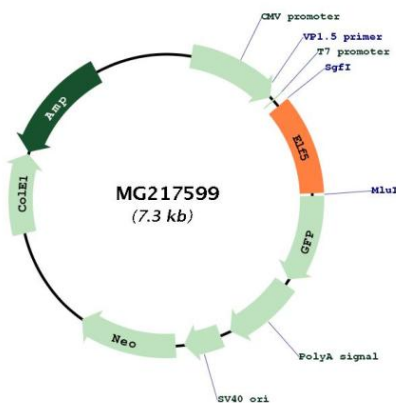
**Locus ID:** 13711

**UniProt ID:** [Q8VDK3](#)

**Cytogenetics:** 2 E2

**Gene Summary:** Transcriptionally activator that may play a role in regulating the later stages of keratinocytes terminal differentiation (By similarity). Binds to DNA sequences containing the consensus nucleotide core sequence GGA[AT]. Transcriptionally activates the TK promoter. [UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MG217599