

## Product datasheet for **MG207492**

### **Ets2 (NM\_011809) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ets2 (NM_011809) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ets2
Synonyms:	AU022856; Ets-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG207492 representing NM\_011809  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAATGACTTTGGAATCAAGAACATGGACCAAGTGGCCCTGTGCACAACAGTTTTCTGTTGGGACTCA  
 AGCGCCAGCCAGCCTTTGACACCTTCGATGGCTCTCTGTTTGGCTGTGCTCCCTTCTCTCAGTGAAGATCA  
 GACTCTCAAGAAGTGCCACGGGCTGGATTCTGTCTCCATGACTCGGCCAGCTGCGAGCTGCCTTTG  
 CTAAGTCCCTGCAGCAAGGCAGTGATGAGCCAAGCCTTAAAAGCCACCTTCAGTGGCTTCCAAAAGGAGC  
 AACGACGTCTTGGCATCCCCAAAACCCCTGGCTGTGGAGCGAGCAGGTTGCCAGTGGCTTCTCTG  
 GGCCACCAACGAGTTCAGCCTGGTGAATGTGAACCTGCACCAGTTTGGCATGAACGGCCAGATGTGTGT  
 AACCTCGCAAGGAGCGCTTCTGGAGCTGGCGCCTGACTTTGTGGGTGACATCCTCTGGGAACATCTAG  
 AGCAGATGATCAAAGAGAACAAGAAAAGACAGAAGACCAATATGAGGAAAACCTCACCTCAACGCGGT  
 TCCTCAGTGGATCAACAGCAATACATTAGGCTTCAGCATGGAACAGGCTCCATATGGAATGCAGGCCA  
 AACTACCCCAAAGACAATCTCCTGGACAGCATGTGCCCGCATCGGCCACGCCTGCAGCTCTGGGCTCTG  
 AGCTCCAGATGTTGCCAAGTCTCGGCTCAACACCGTCAATGTCAATTACTGTTCCATCAGCCAGGACTT  
 CCCCAGCAGCAACGTGAATTTGCTCAACAACAATTCTGGAAAACCAAGGACCACGACTCTCCAGAGAAC  
 GGTGGGACAGCTTCGAGAGCTCCGACTCGCTGCTGAGGTCTGGAACAGCCAGTCGTCCTACTGGATG  
 TACAGCGGTACCTTCTTCGAGAGCTTTGAGGAGGACTGTAGCCAGTCTCTGTGCCTCAGTAAGCTGAC  
 CATGTCCTTCAAGGACTACATCCAAGAGAGGAGCGACCCAGTCGAGCAAGGCAAACAGTTATTCCTGCA  
 GCAGTACTGGCTGGCTTCACTGGAAGCGGACCAATCCAGTTGTGGCAGTTTCTTCTGGAGCTACTCTG  
 ACAAGTCTGTCAATCTTTCATCAGCTGGACGGGGATGGATGGGAGTTCAAGCTTGTGACCCCGATGA  
 GGTTGCCCGCGGTGGGGGAAGAGGAAAAATAAACCAAAGATGAACTACGAGAAGCTGAGCCGGGGCTTA  
 CGTTACTACTACGACAAGAACATCATCCACAAGACTTCGGGCAAGCGCTACGTGTACCGTTTCGTATGTG  
 ACCTGCAGAACTTGTGGCTTCACTCCGGAGGAACTGCATGCCATCCTGGGCGTCCAGCCTGATACAGA  
 AGAC

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>MG207492 representing NM\_011809  
 Red=Cloning site Green=Tags(s)

MNDFGIKNDQVAPVANSFRGTLKRQPAFDTFDGLFAVLPSLSEDTLQEVPTGLDSVSHDSASCELPL  
 LTPCSKAVMSQALKATFSGFQKEQRRLLGIPKNPWLWSEQQVCQWLLWATNEFSLVNVNLHQFGMNGQMLC  
 NLGKERFLELAPDFVGDILWEHLEQMIKENQEKTEDQYEENSHLNAVQWINSNTLGF SMEQAPYGMQAP  
 NYPKDNLLDSMCPPSATPAALGSELQMLPKSRLNTVNVNYCSISQDFPSSNVNLLNNSGKPKDHDSPEN  
 GGDSFESSDSLRSWNSQSLLDVQRVPSFESFEEDCSQSLCLSKLTMSFKDYIQERSDPVEQGKPVIPA  
 AVLAGFTGSGPIQLWQFLLELLSDKSCQSFISWTGDGWEFKLADPDEVARRWGKRKNPKMNYEKL SRGL  
 RYYDKNIIHKTSKRYVYRFVCDLQNLGFTPEELHAILGVQPDTE

**TRTRPLE** – GFP Tag – V

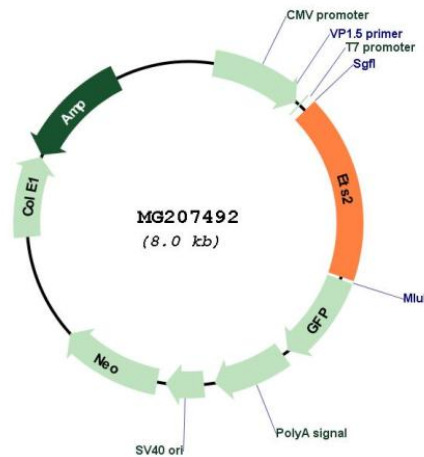
**Restriction Sites:**

Sgfl-Mlul

Cloning Scheme:



Plasmid Map:



ACCN: NM\_011809

ORF Size: 1404 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\\_011809.2](#), [NP\\_035939.2](#)

**RefSeq Size:** 3496 bp

**RefSeq ORF:** 1407 bp

**Locus ID:** 23872

**UniProt ID:** [P15037](#)

**Cytogenetics:** 16 56.64 cM

**Gene Summary:** Transcription factor activating transcription. Binds specifically the GGA DNA motif in gene promoters and stimulates transcription of those genes (By similarity).[UniProtKB/Swiss-Prot Function]