

Product datasheet for **MG207015**

Ets1 (NM_011808) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ets1 (NM_011808) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ets1
Synonyms:	A1196000; A1448617; D230050P06; Ets-1; Tpl1; vs
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG207015 representing NM_011808 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGGCGCCGTCGATCTCAAGCCGACTCTCACCATCATCAAGACAGAAAAAGTGGATCTCGAGCTTT
TCCCTTCCCCGGACATGGAATGTGCAGATGTCCCCTGTTAACTCCGAGCAGCAAAGAAATGATGTCCCA
AGCCTTGAAGCTACTTTCAGTGGTTTCAAAAAGAACAGCAGCGGCTGGGAATCCCCAAGACCCCGG
CAGTGGACAGAAACCCACGTCCGGGACTGGGTGATGTGGGCTGTGAATGAGTTCAGCCTGAAAGGTGTGG
ACTTCCAGAAGTCTGTATGAGTGGAGCAGCACTGTGTGCCCTGGGTAAGAATGCTTCCTCGAGCTGGC
TCCAGACTTTGTTGGGGATATCCTGTGGGAGCATCTAGAGATCCTGCAGAAAGAGGATGTGAAACCATAT
CAGGTTAATGGAGCCAACCCCTACCTACCCAGAATCCTGTTACACCTCGGATTACTTCATCAGCTACGGTA
TCGAGCATGCTCAGTGTGTTCTCCCTCAGAGTCTCAGAGCCCAGCTTCATCACAGAGTCTATCAGAG
GCTGCATCCTATCAGCTCAGAAGAACTCCTGTCCCTCAAGTATGAGAACGACTACCCTTCTGTCAATTCTC
CAGGACCCTCTCCAGACAGACACCTTGCAGACAGACTACTTGGCCATCAAGCAAGAGGTGTTAACTCCAG
ACAACATGTGCCCTGGGAGAGCCAGTCGTGGTAACTCGGGGCCAGGACTCTTTGAGAGCGTAGAGAG
CTACGATAGTTGTGACCGCCTCACCCAGTCTGGAGCAGCCAGTCATCCTTCAACAGCCTGCAGCGGGTC
CCCTCCTATGACAGCTTCGACTACGAGGATTATCCCCTGCCCTGCCCAACCACAAGCCCAAGGGCACCT
TCAAGGACTATGTGCGTGACCGTGTGACCTCAACAAGGACAAGCCTGTCAATCCTGCTGCTGCCCTGGC
TGGCTACACAGGAAGTGGCCGATCCAGCTGTGGCAGTTTCTTCTGGAATTACTCACTGATAAGTCTTGT
CAGTCTTTATCAGCTGGACAGGAGATGGCTGGGAATTCAAGCTTCTGACCCAGATGAGGTGGCCAGGA
GATGGGAAAGAGGAAAAACAACCTAAGATGAATTATGAGAACTGAGCCGTGGCCTTCGCTACTATTA
TGACAAAAATATCATCCACAAGACGGCGGCAAGCGCTACGTATACCGCTTTGTGTGCGACCTGCAGAGC
CTGCTGGGATACACCCCTGAGGAGCTGCACGCCATGCTGGACGTAAGCCGGATGCTGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG207015 representing NM_011808
 Red=Cloning site Green=Tags(s)

MKAAVDLKPTLTIIKTEKVDLELFPSPDMECADVPLLTPSSKEMMSQALKATFSGFTKEQQRLGIPKDPR
 QWTETHVRDWMWAVNEFSLKGVDFQKFCMSGAALCALGKECFLELAPDFVGDILWEHLEILQKEDVKPY
 QVNGANPTYPESCYSDFYISYGIIEHAQCVPPSEFSEPSFITESYQTLHPISSEELLSLKYENDYPSVIL
 QDPLQDTLQTDYFAIKQEVLTPDNMCLGRASRGKLGQDSFESVYESYDSCDRLTQSWSSQSSFNSLQRV
 PSYDSFDYEDYPAALPNHKPKGTFKDYVRDRADLNKDKPVI PAAALAGYTGSGPIQLWQFLLELLTDKSC
 QSFISWTGDGWEFKLSDPDEVARRWGKRKNPKMNYEKL SRGLRYYYDKNIIHKTAGKRYYYRFVCDLQS
 LLGYTPEELHAML DVKPDAD

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_011808

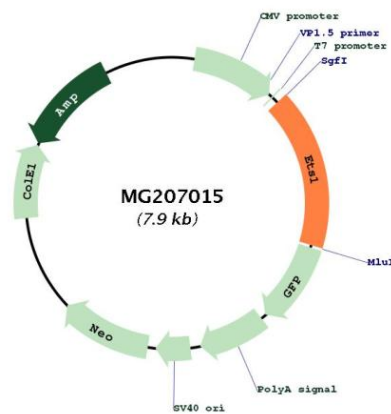
ORF Size: 1320 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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:	<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:	NM_011808.2 , NP_035938.2
RefSeq Size:	5060 bp
RefSeq ORF:	1323 bp
Locus ID:	23871
UniProt ID:	P27577
Cytogenetics:	9 17.97 cM
Gene Summary:	Transcription factor. Directly controls the expression of cytokine and chemokine genes in a wide variety of different cellular contexts. May control the differentiation, survival and proliferation of lymphoid cells. May also regulate angiogenesis through regulation of expression of genes controlling endothelial cell migration and invasion (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG207015