

Product datasheet for **MR207015**

Ets1 (NM_011808) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Ets1 (NM_011808) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Ets1 |
| Synonyms: | A1196000; A1448617; D230050P06; Ets-1; Tpl1; vs |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide Sequence:

>MR207015 representing NM_011808
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGGCGGCCGTCGATCTCAAGCCGACTCTCACCATCATCAAGACAGAAAAAGTGATCTCGAGCTTT
 TCCCTTCCCGGACATGGAATGTGCAGATGTCCGCTGTTAACTCCGAGCAGCAAAGAAATGATGTCCCA
 AGCCTTGAAAGCTACTTTCAAGTGGTTTCAAAAAGAACAGCAGCGGCTGGGAATCCCAAAGACCCCGG
 CAGTGGACAGAAACCACGTCGGGACTGGGTGATGTGGGCTGTGAATGAGTTCAGCCTGAAAGGTGTGG
 ACTTCCAGAAGTTCTGTATGAGTGGAGCAGCACTGTGTGCCCTGGGTAAGAATGCTTCTCGAGCTGGC
 TCCAGACTTTGTTGGGATATCCTGTGGGAGCATCTAGAGATCCTGCAGAAAGAGGATGTGAAACCATAT
 CAGGTTAATGGAGCAACCCTACCTACCCAGAATCCTGTTACACCTCGGATTACTTCATCAGCTACGGTA
 TCGAGCATGCTCAGTGTGTTCTCCCTCAGAGTCTCAGAGCCCAGCTTCATCACAGAGTCTATCAGAC
 GCTGCATCCTATCAGCTCAGAAGAACTCCTGTCCCTCAAGTATGAGAACGACTACCTTCTGTCATTCTC
 CAGGACCTCTCCAGACAGACACCTTGACAGACAGACTACTTTGCCATCAAGCAAGAGGTGTTAACTCCAG
 ACAACATGTGCCTGGGGAGAGCCAGTCGTGGTAAACTCGGGGGCCAGGACTCTTTTGAGAGCGTAGAGAG
 CTACGATAGTTGTGACCGCCTCACCCAGTCTGGAGCAGCCAGTCATCCTTCAACAGCCTGCAGCGGGTC
 CCCTCCTATGACAGCTTCGACTACGAGGATTATCCCGCTGCCCTGCCAACCACAAGCCCAAGGGCACCT
 TCAAGGACTATGTGCGTGACCGTGTGACCTCAACAAGGACAAGCCTGTCATTCTGCTGCTGCCCTGGC
 TGGCTACACAGGAAGTGGGCCGATCCAGCTGTGGCAGTTTCTTCTGGAATTACTCACTGATAAGTCTTGT
 CAGTCTTTATCAGCTGGACAGGAGATGGCTGGGAATTCAAGCTTTCTGACCCAGATGAGGTGGCCAGGA
 GATGGGGAAAGAGGAAAAACAACCTAAGATGAATTATGAGAACTGAGCCGTGGCCTTCGCTACTATTA
 TGACAAAAATATCATCCACAAGACGGCGGCAAGCGCTACGTATACCGCTTTGTGTGCGACTGCAGAGC
 CTGCTGGGATACCCCTGAGGAGCTGCACCCATGCTGGACGTAAGCCGGATGCTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207015 representing NM_011808
 Red=Cloning site Green=Tags(s)

MKAAVDLKPTLTIKTEKVDLELFPSPDMECADVPLLTPSSKEMMSQALKATFSGFTKEQQRLGIPKDPR
 QWTETHVRDWMWAVNEFSLKGVDFQKFCMSGALCALGKECFLELAPDFVGDILWEHLEILQKEDVKPY
 QVNGANPTYPESCYTSDFYISYIEHAQCVPPEFSEPSFITESYQTLHPISSEELLSLKYENDYPSVIL
 QDPLQTDTLQTDYFAIKQEVLTPDNMCLGRASRGKLGQDSFESVSYDSCDRLTQSWSSQSSFNSLQRV
 PSYDSFDYEDYPAALPNHKPKGTFKDYVRDRADLNKDKPVIIPAAALAGYTGSGPIQLWQFLELLTDKSC
 QSFISWTGDGWEFKLSDPDEVARRWGKRKNPKMNYEKL SRGLRYYYYDKNIIHKTAGKRYVYRFVCDLQS
 LLGYTPEELHAML DVKPDAD

TRTRPLE**QKLISEEDLAANDILDYKDDDDK**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).

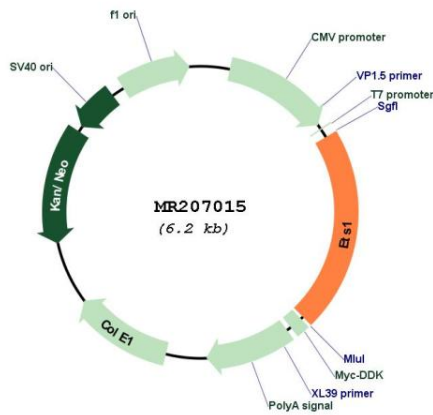
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the 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
 MW: 50.7 kDa

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 MR207015