

Product datasheet for **MR207492**

Ets2 (NM_011809) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ets2 (NM_011809) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ets2
Synonyms:	AU022856; Ets-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207492 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAATGACTTTGGAATCAAGAACATGGACCAAGTGGCCCTGTCGCCAACAGTTTTCTGTTGGGACTCA
 AGCGCCAGCCAGCCTTTGACACCTTCGATGGCTCTCTGTTTGGCTGTGCTCCCTTCTCTCAGTGAAGATCA
 GACTCTCAAGAAGTGCCACGGGCTGGATTCTGTCTCCATGACTCGGCCAGCTGCGAGCTGCCTTTG
 CTACTIONCTGCAGCAAGGCAGTGATGAGCCAAGCCTTAAAAGCCACCTTCAGTGGCTTCCAAAAGGAGC
 AACGACGTCTTGGCATCCCCAAAACCCCTGGCTGTGGAGCGAGCAGGTTGCCAGTGGCTTCTCTG
 GGCCACCAACGAGTTCAGCCTGGTGAATGTGAACCTGCACCAGTTTGGCATGAACGGCCAGATGCTGTGT
 AACCTCGCAAGGAGCGCTTCTGGAGCTGGCGCCTGACTTTGTGGGTGACATCCTCTGGGAACATCTAG
 AGCAGATGATCAAAGAGAACAAGAAAAGACAGAAGACCAATATGAGGAAAACCTCACCTCAACGCGGT
 TCCTCAGTGGATCAACAGCAATACATTAGGCTTCAGCATGGAACAGGCTCCATATGGAATGCAGGCACCA
 AACTACCCCAAAGACAATCTCTGGACAGCATGTGCCCGCATCGGCCACGCCTGCAGCTCTGGGCTCTG
 AGCTCCAGATGTTGCCAAGTCTCGGCTCAACACCGTCAATGTCAATTACTGTTCCATCAGCCAGGACTT
 CCCCAGCAGCAACGTGAATTTGCTCAACAACAATTCTGGAAAACCAAGGACCACGACTCTCCAGAGAAC
 GGTGGGACAGCTTCGAGAGCTCCGACTCGCTGCTGAGGTCTGGAACAGCCAGTCGTCCTACTGGATG
 TACAGCGGTACCTTCTTCGAGAGCTTTGAGGAGGACTGTAGCCAGTCTCTGTGCCTCAGTAAGCTGAC
 CATGTCCTTCAAGGACTACATCCAAGAGAGGAGCGACCCAGTCGAGCAAGGCAAACAGTTATTCCTGCA
 GCAGTACTGGCTGGCTTCACTGGAAGCGGACCAATCCAGTTGTGGCAGTTTCTTCTGGAGCTACTCTG
 ACAAGTCTGTCATCTTTCATCAGCTGGACGGGGATGGATGGGAGTTCAAGCTTGTGACCCCGATGA
 GGTTGCCCGCGGTGGGGGAAGAGGAAAAATAAACCAAAGATGAACTACGAGAAGCTGAGCCGGGGCTTA
 CGTTACTACTACGACAAGAACATCATCCACAAGACTTCGGGCAAGCGCTACGTGTACCGTTTCGTATGTG
 ACCTGCAGAACTTGTGGCTTCACTCCGGAGGAACTGCATGCCATCCTGGGCGTCCAGCCTGATACAGA
 AGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207492 protein sequence
 Red=Cloning site Green=Tags(s)

MNDFGIKNDQVAPVANSFRGTLKRQPAFDTFDGS LFAVLPSLSEDTLQEVPTGLDSVSHDSASCELPL
 LTPCSKAVMSQALKATFSGFQKEQRRLLGIPKNPWLWSEQQVCQWLLWATNEFSLVNVNLHQFGMNGQMLC
 NLGKERFLELAPDFVGDILWEHLEQMIKENQEKTEDQYEENSHLNAVQWINSNTLGF S MEQAPYGMQAP
 NYPKDNLLDSMCPPTSATPAALGSELQMLPKSRLNTVNVNYCSISQDFPSSNVNLLNNSGKPKDHDSPE
 N GGDSFESSDLLRSWNSQSLLDVQRVPSFESFEEDCSQSLCLSKLTMSFKDYIQERSDPVEQGGKPVIPA
 AVLAGFTGSGPIQLWQFLLELLSDKSCQSFISWTGDGWEFKLADPDEVARRWGRKRNKPKMNYEKL SRGL
 RYYDKNIIHKTSKRYVYRFVCDLQNLGFTPEELHAILGVQPDTE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_011809

ORF Size: 1407 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: 3560 bp

RefSeq ORF: 1407 bp

Locus ID: 23872

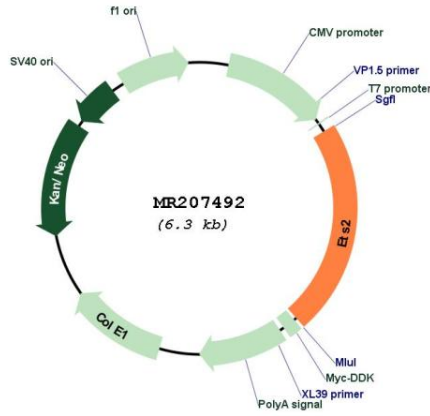
UniProt ID: [P15037](#)

Cytogenetics: 16 56.64 cM

MW: 52.8 kDa

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]

Product images:



Circular map for MR207492