

## Product datasheet for **MR208747**

### Erf (NM\_010155) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Erf (NM_010155) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Erf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR208747 representing NM\_010155  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAAGACCCCGCGGACACAGGGTTTGCCTTCCAGATTGGGCCTACAAACCGGAGTCATCCCCTGGCT  
 CCAGGCAGATCCAGCTGTGGCACTTTATCCTGGAGCTGCTTCGAAAGAGGAGTACCAGGGCGTCATCGC  
 TTGGCAGGGGACTACGGGGAGTTTGTCAAGGACCCTGATGAAGTGCTCGCCTCTGGGGGTCGCG  
 AAGTGCAAACCCAGATGAACTATGACAAGCTGAGCCGGGCTTTGCGCTATTATTACAACAAGCGCATT  
 TACACAAGACCAAGGGAAACGGTTACCTACAAGTTCAACTTCAACAACTGGTGTGGTCAATTACCC  
 TTTTCATGATATGGGGTGGCTGGGGTGCAGTCCCCAAAGCGCCACCAGTGCATCAGGCGGCAGC  
 CATTTCGCTTCCCTCCCTCAACACCCTCTGAGGTGCTGTCCCCACTGAGGATCCCGATCTCCACCGG  
 CTTGTTCTTCATCATCTTCTCTCTCTGCTGTGGTTGCCGACGCTGGGCGGAGGCTCAGTCAG  
 TACTGTAGTGATGGCACCTCAGAGCTGGAGGAGCCTCTGGGAGAGGCCAGGACGACACCCTGGC  
 CCTCCGGAGCTGGGTGCCTTCGAGGGCCCCCTGGCCCGCTCCCGCATGACCCTGGTGTCTCCGTTG  
 TCTATCTCGGCCCGGGTGGTCTGAACCCCTGAGTCCCTTCCCTGTGTACCTTTGGCTGGGCTGG  
 CTCCCTTCTACCCCTCAGCTCTCCCAGCTCTGCCATGACTCCCACCCACTGGCCTACACACCTCA  
 CCCACGCTGAGTCTATGTACCCAGTGGTGGTGGGGCCCTAGTGGCTCAGGGGAGGTTCCCCTTCT  
 CCTTCAGTCTGAGGACATGAAACGGTACCTGCAGGCCACACCCAAAGCGTCTACAACCTACCACCTCAG  
 TCCCCGCGCTTCTGCACTACCCAGGGCTGGTGGTGGCCAGCCTCAGCGCCCTGACAAGTGCCCACTG  
 CCGCCCATGGCACGGAGACCCCGCGGTCCTCCTCAGCCTCGTCTTCTCTTCTCTTCTTCTTCTTCT  
 CGTTCAAGTTAAAGCTGCAGCACCCCGCTAGGACGCCGCGGAGGAGTGGAGAGAAGGCTCAGG  
 AGGCACTGACAAGAGCAGTGGTGGCAGTGGCTCGGGTGGACTGGCTGAGGGGGCAGGTGAGTACCTCC  
 CCACCGCCACCACCCAGATTAAGGTGGAGCCATCTCAGAAGGAGAGTGGAGGAGGTGGAGGTACTG  
 ACATCAGTGACGAAGATGAGGAAGATGGGAGGTGTTCAAGACTCCCCGTGCCCGCCTGCACCCCCAA  
 GCCAGAGCCCGGAGAGGCACCGGGGTGGCCAGTGCATGCCCTTAAACTGCGCTTTAAGCGGCGCTGG  
 AGTGAAGACTGTCGCTGGAGGGGGGGGTGCTGTCTGGGGCCCTGAAGATGAGGGTGGAGACAAGA  
 AGGTGCGTGGGGACGTGGGCCCTGGGGAGTCTGGGGACCCCTTACCCACGACGGGTGAGCTTGACCT  
 CCAGCACGCCACGCCAACTCTCCTGGAGCACCGAGATTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208747 representing NM\_010155  
 Red=Cloning site Green=Tags(s)

MKTPADTGFAFPDWAYKPESSPGSRQIQLWHFIELELLRKEEYQGVIAWQGDYGEFVIKDPDEVARLWGV  
 KCKPQMNYDKLSRALRYYNKRILHKTKGRFTYKFNFNKLVVNYPFIDMGLAGGAVPQSAPPVPSGGS  
 HFRFPSTPSEVLSPTEDPRSPACSSSSSLFSAVVARRLGRGSVSDCSGDTSELEEPLGEDPRARPPG  
 PPELGAFRGPPLARLPHDPGVFRVYPRRGGPEPLSPFPVSPLAGPGLLPQLSPALPMTPTHAYTPS  
 PTLSPMYPSSGGGPGSGGGSHFSFSPEDMKRYLQAHTQSVYNYHLSPRAFLHYPLVVPQQRDPDKPL  
 PPMAPETPPVSSASSSSSSSPFKFKLQPPPLGRRQRAAGEKALGGTDKSSGSGSGLAEGAGAVAP  
 PPPPPQIKVEPISEGESEEEVTDISDEDEEDGEVFKTPRAPPAPPKPEPGEAPGVAQCMLKLRFKRRW  
 SEDCRLEGGGCLSGGPEDEGEDKKVRGDVGPGESSGGLTPRRVSSDLQHATAQLSLEHRDS

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9075\\_c02.zip](https://cdn.origene.com/chromatograms/mm9075_c02.zip)

**Restriction Sites:**

Sgfl-Mlul

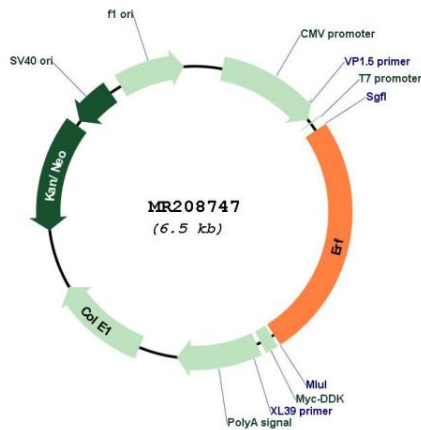


**Cytogenetics:** 7 13.73 cM

**MW:** 59.1 kDa

**Gene Summary:** Potent transcriptional repressor that binds to the H1 element of the Ets2 promoter. May regulate other genes involved in cellular proliferation (By similarity). Required for extraembryonic ectoderm differentiation, ectoplacental cone cavity closure, and chorioallantoic attachment. May be important for regulating trophoblast stem cell differentiation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR208747