

## Product datasheet for **MR230803**

### **Ewsr1 (NM\_001283061) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ewsr1 (NM_001283061) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ewsr1
Synonyms:	Ews; Ewsh
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide  
Sequence:**

>MR230803 representing NM\_001283061  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGTCCACGGATTACAGTACCTATAGTCAAGCTGCAGCCAGCAGGGCTACAGTGTACACCGCCC  
 AGCCAACCAAGGATATGCACAGACCACCCAGGCATATGGGCAACAAAGCTATGGAACCTATGGACAGCC  
 TACTGATGTCAGCTATACTCAGGCTCAGACCCTGCCACCTACGGGCAGACTGCATATGCAACTTCTTAC  
 GGACAGCCTCCCCTGGTTATAGCACTCCAACGCCCGCAGGCGTACAGCCAGCCTGTGCAGGGATATG  
 GCACTGGGACTTATGACAGCACCCTGCTACAGTCAACCAACGCAGGCCCTTACGCAGCTCAGACTGC  
 ATATGGCACCCAGCCTGCCTACCCACCTATGGCCAGCAGCCAACAGCCACCGCACCTACCAGACCACAG  
 GATGGTAAACAAGCCTGCTGAGACTAGTCAACCTCAATCTAGCACAGGGGGTTATAACCAACCCAGCCTAG  
 GATATGGACAGAGTAACTACAGCTATCCCAGGTACCTGGGAGCTACCCAATGCAGCCAGTACCCGACC  
 TCCATCTTATCCTCCTACCAGCTACTCCTTTACAGCCGACTAGTTACGATCAGAGCAGTTACTCTCAG  
 CAGAACACCTATGGGCAGCCGAGCAGCTATGGACAACAGAGTAGCTATGGTCAACAAAGCAGCTATGGGC  
 AGCAGCCTCCTACTAGTTACCCCTCAGACTGGATCCTACAGCCAGGCTCCAAGTCAATATAGCCAACA  
 GAGCAGCAGCTACGGGCAGCAGATTATTCCGACAGGACCACCCAGTAGCATGGGTGTTTATGGGCAG  
 GAGTCTGGAGGATTTCCGGACCAGGAGAGAACCAGGAGCTTGAGTGGCCCTGATAACCGGGCAGGGGAA  
 GAGGGGGATTTGATCGTGGAGGCATGAGCAGAGGTGGCGGGGAGGAGGACGCGGTGGACTGGGCAGCGC  
 TGGAGAGCGAGGTGGCTCAATAAGCCTGGTGGACCCATGGATGAAGGACCAGATCTTGATCTAGGCCTT  
 CCTATAGATCCCGATGAAGACTCTGACAACAGTGAATTTATGTGCAAGGATTAATGACAATGTGACTC  
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 GATCCATATCTACCTGGATAAAGGAGACAGGAAAGCCTAAAGGGGACGCCACAGTGTCTATGAAGATCCA  
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 ACCACCACTTCGTGGAGGTCTGGTGGCCAGGAGGCCCTGGAGGACCCATGGGTGCGATGGGAGGCCGT  
 GGAGGAGACAGAGGGGGCTTCCCTCCAAGAGGGCCCCGAGGCTCCAGAGGAAACCCCTCTGGAGGAGGAA  
 ATGTCCAGCACCAGCTGGAGACTGGCAGTGTCCCAATCCGGGCTGTGGAACCAGAACTTCGTTGGAG  
 AACAGAATGCAACCAGTGAAGGCCCTAAGCCCAGGGCTTCTCCCGCACCCCTTCCACCTCCGGGT  
 GGTGATCGTGGACGAGGTGGCCCTGGTGGCATGCGAGGAGGAAGAGGAGGACTCATGGACCGTGGTGGTC  
 CTGGAGGAATGTTGAGAGGTGGCAGAGGTGGAGACAGAGGAGGCTTCCGAGGTGGCCGTGGAATGGACCG  
 AGGTGGCTTTGGTGGAGGAAGACGAGGTGGTCTGGGGGGCTCCTGGACCTTAAATGGAACAGATGGGA  
 GGAAGAAGAGGCGGACGTGGAGGACCTGGGAAAATGGATAAAGGCGAGCACCGTCAAGAACGCAGAGACC  
 GGCCCTAC

**ACGCGT**ACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR230803 representing NM\_001283061  
Red=Cloning site Green=Tags(s)

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MASTDYSTYSQAAAQQGYSAITAQPTQGYAQTQTAYGQQSYGTYGQPTDVSYTQAQTTATYGTAYATSY
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DGNKPAETSQPQSSTGGYNQPSLGYGQSNYSYPQVPGSYPMQPVTAAPPSPPTSYSSSQPTSYDQSSYSQ
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ESGGFSGPGENRSLSGPDNRGRGRGGFDRGMSRGGRRGGRLGSAGERGGFNKPGGPMDEGPDLDLGL
PIDPDEDSDNSAIYVQGLNDNVTLDDLADFFKQCGVVKMNKRTGQPMIHIYLDKETGKPKGDATVSYEDP
PTAKAAVEWFDGKDFQGSKLVSLARKKPPMNSMRGMPPREGRGMPPLRGGPGGGPGGPMGRMGGR
GGDRGGFPPRGRGSRGNPSGGGNVQHRAGDWQCPNPGCGNQNF AWRTECNQCKAPKPEGFLPPFPFPPG
GDRGRGGPGMRGGRLMDRGGPGMFRGGRRGGDRGGFRGGRRGGPGGPPGGLMEQMG
GRRGGRRGGPKMDKGEHRQERRDRPY
    
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001283061

**ORF Size:** 1968 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\\_001283061.2](#)

**RefSeq Size:** 2431 bp

**RefSeq ORF:** 1971 bp

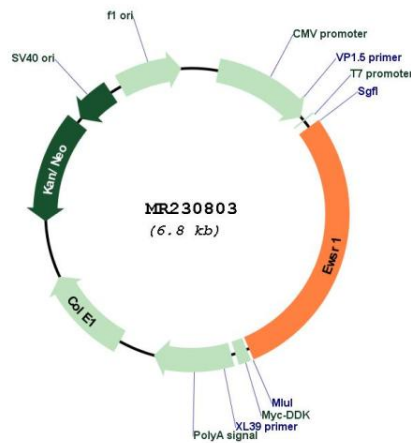
**Locus ID:** 14030

**Cytogenetics:** 11 A1

**MW:** 69 kDa

**Gene Summary:** Might function as a transcriptional repressor.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR230803