

Product datasheet for **MR209810**

Ewsr1 (NM_007968) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ewsr1 (NM_007968) 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)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR209810 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGTCCACGGATTACAGTACCTATAGTCAAGTGCAGCCAGCAGGGCTACAGTGTACACCGCCC
 AGCCAACCAAGGATATGCACAGACCACCCAGGCATATGGGCAACAAAGCTATGGAACCTATGGACAGCC
 TACTGATGTCAGCTATACTCAGGCTCAGACCCTGCCACCTACGGGCAGACTGCATATGCAACTTCTTAC
 GGACAGCCTCCCCTGTTATAGCACTCCAACGCCCGCAGGCGTACAGCCAGCCTGTGCAGGGATATG
 GCACTGGGACTTATGACAGCACCCTGCTACAGTCAACCAACGCAGGCCCTTACGCAGCTCAGACTGC
 ATATGGCACCCAGCCTGCCTACCCACCTATGGCCAGCAGCCAACAGCCACCGCACCTACCAGACCACAG
 GATGGTAAACAAGCCTGCTGAGACTAGTCAACCTCAATCTAGCACAGGGGGTTATAACCAACCCAGCCTAG
 GATATGGACAGAGTAACTACAGCTATCCCAGGTACCTGGGAGCTACCCAATGCAGCCAGTACCCGACC
 TCCATCTTATCCTCCTACCAGCTACTCCTTTACAGCCGACTAGTTACGATCAGAGCAGTTACTCTCAG
 CAGAACACCTATGGGCAGCCGAGCAGCTATGGACAACAGAGTAGCTATGGTCAACAAAGCAGCTATGGGC
 AGCAGCCTCCTACTAGTTACCCCTCAGACTGGATCCTACAGCCAGGCTCCAAGTCAATATAGCCAACA
 GAGCAGCAGCTACGGGCAGCAGATTATTCCGACAGGACCACCCAGTAGCATGGGTGTTTATGGGCAG
 GAGTCTGGAGGATTTCCGGACCAGGAGAGAACCAGGAGCTTGGTGGCCCTGATAACCGGGCAGGGGAA
 GAGGGGGATTTGATCGTGGAGGCATGAGCAGAGGTGGCGGGGAGGAGGACGCGGTGGACTGGGCAGCGC
 TGGAGAGCGAGGTGGCTCAATAAGCCTGGTGGACCCATGGATGAAGGACCAGATCTTGTCTAGGCCTT
 CCTATAGATCCCGATGAAGACTCTGACAACAGTGAATTTATGTGCAAGGATTAATGACAATGTGACTC
 TGGATGATCTGGCAGACTTCTTTAAGCAGTGTGGGGTTGTCAAGATGAACAAGAGAAGTGGACAACCCAT
 GATCCATATCTACCTGGATAAAGGAGACAGGAAAGCCTAAAGGGGACGCCACAGTGTCTATGAAGATCCA
 CCAACTGCAAAGGCTGCCGTGGAATGGTTTGTGGGAAAGATTTTCAAGGAAGCAAACCTAAAGTGTCTC
 TTGCCGAAAGAAGCCTCCAATGAACAGCATGCGGGGAGGCATGCCACCTCGTGAGGGCAGGGGGATGCC
 ACCACCACTTCGTGGAGGTCTGGTGGCCAGGAGGCCCTGGAGGACCCATGGGTGCGATGGGAGGCCGT
 GGAGGAGACAGAGGGGGCTTCCCTCCAAGAGGGCCCGAGGCTCCAGAGGAAACCCCTCTGGAGGAGGAA
 ATGTCCAGCACCAGCTGGAGACTGGCAGTGTCCCAATCCGGGCTGTGGAACCAGAACTTCGTTGGAG
 AACAGAATGCAACCAAGTGAAGGCCCTAAGCCCAGGGCTTCTCCCGCACCCCTTCCACCTCCGGGT
 GGTGATCGTGGACGAGGTGGCCCTGGTGGCATGCGAGGAGGAAGAGGAGGACTCATGGACCGTGGTGGTC
 CTGGAGGAATGTTGAGAGGTGGCAGAGGTGGAGACAGAGGAGGCTTCCGAGGTGGCCGTGGAATGGACCG
 AGGTGGCTTTGGTGGAGGAAGACGAGGTGGTCTGGGGGGCTCCTGGACCTTAAATGGAACAGATGGGA
 GGAAGAAGAGGCGGACGTGGAGGACCTGGGAAAATGGATAAAGGCGAGCACCGTCAAGAACGCAGAGACC
 GGCCCTAC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209810 protein sequence
Red=Cloning site Green=Tags(s)

```

MASTDYSTYSQAAAQQGYSAITAQPTQGYAQTQAYGQQSYGTYGQPTDVSYTQAQTTATYGQTAYATSY
GQPPTGYSTPTAPQAYSQPVQGYGTGYDSTTATVTTTQASYAAQTAYGTQPAYPTYGQQPTATAPTRPQ
DGNKPAETSQPQSSTGGYNQPSLGYGQSNYSYPQVPGSYPMQPVTAPPSYPPTSYSSSQPTSYDQSSYSQ
QNTYGGPSSYGGQSSYGGQSSYGGQPPPTSYPPTGYSYSQAPSQYSQQSSSYGGQSSFRQDHPSSMGVYGG
ESGGFSGPGENRSLSGPDNRGRGRGGFDRGGMSRGGRRGGGRLGSAGERGGFNKPGGPMDEGPDLDLGL
PIDPDEDSDNSAIYVQGLNDNVTLDDLADFFKQCGVVKMNKRTGQPMIHIYLDKETGKPKGDATVSYEDP
PTAKAAVEWFDGKDFQGSKLVSLARKKPPMNSMRGMPPREGRGMPPLRGGPGGGPGGPMGRMGGRR
GGDRGGFPPRGRGRSGNPSGGGNVQHRAGDWQCPNPGCGNQNF AWRTECNQCKAPKPEGFLPPFPFPPG
GDRGRGGPGMRGGRRGLMDRGGPGGMFRGGRRGGDRGGFRGGRRGGPMDRGGFGGRRGGPGGPPGLMEQMG
GRRGGRRGGPKMDKGEHRQERRDRPY
    
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_007968

ORF Size: 1971 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_007968.1](#), [NM_007968.2](#), [NM_007968.3](#), [NP_031994.2](#)

RefSeq Size: 2428 bp

RefSeq ORF: 1968 bp

Locus ID: 14030

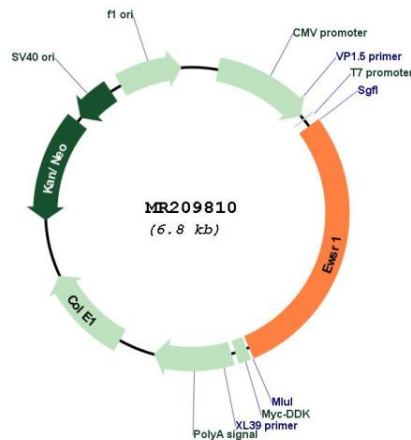
UniProt ID: [Q61545](#)

Cytogenetics: 11 A1

MW: 68.5 kDa

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

Product images:



Circular map for MR209810