

Product datasheet for **MC228484**

Ewsr1 (NM_001283062) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ewsr1 (NM_001283062) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ewsr1
Synonyms:	Ews; Ewsh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228484 representing NM_001283062
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTCCACGGATTACAGTACCTATAGTCAAGTGCAGCCAGCAGGGCTACAGTGTACACCGCCC
 AGCCAACCAAGGATATGCACAGACCACCAGGCATATGGCAACAAAGCTATGGAACCTATGGACAGCC
 TACTGATGTCAGCTATACTCAGGCTCAGACCCTGCCACCTACGGGCAGACTGCATATGCAACTTCTTAC
 GGACAGCCTCCCCTGTTATAGCACTCCAACGCCCGCAGGCGTACAGCCAGCCTGTGCAGGGATATG
 GCACTGGGACTTATGACAGCACCCTGCTACAGTACCACAACGCAGGCCCTTACGCAGCTCAGACTGC
 ATATGGCACCCAGCCTGCCTACCCACCTATGGCCAGCAGCCAACAGCCACCGCACCTACCAGACCACAG
 GATGGTAAACAAGCCTGCTGAGACTAGTCAACCTCAATCTAGCACAGGGGGTTATAACCAACCCAGCCTAG
 GATATGGACAGAGTAACTACAGCTATCCCAGGTACCTGGGAGCTACCCAATGCAGCCAGTACCCGACC
 TCCATCTTATCCTCTACCAGCTACTCCTCTTACAGCCGACTAGTTACGATCAGAGCAGTTACTCTCAG
 CAGAACACCTATGGGCAGCCGAGCAGCTATGGACAACAGAGTAGCTATGGTCAACAAAGCAGCTATGGGC
 AGCAGCCTCCTACTAGTTACCCCTCAGACTGGATCCTACAGCCAGGCTCCAAGTCAATATAGCCAACA
 GAGCAGCAGCTACGGGCAGCAGAGTTTATTCCGACAGGACCACCCAGTAGCATGGGTGTTTATGGGCAG
 GAGTCTGGAGGATTTCCGGACCAGGAGAGAACCGGAGCTTGAAGTGGCCCTGATAACCGGGCAGGGGAA
 GAGGGGGATTTGATCGTGGAGGCATGAGCAGAGATCCCGATGAAGACTCTGACAACAGTGAATTTATGT
 GCAAGGATTAATGCAATGTGACTCTGGATGATCTGGCAGACTTCTTTAAGCAGTGTGGGGTTGTCAAG
 ATGAACAAGAGAAGTGGACAACCCATGATCCATATCTACCTGGATAAGGAGACAGGAAAGCCTAAAGGGG
 ACGCCACAGTGTCTATGAAGATCCACCAACTGCAAAGGCTCCCGTGAATGGTTTATGGGAAAGATTT
 TCAAGGAAGCAAACCTAAAGTGTCTTTGCCCGAAAGAAGCCTCCAATGAACAGCATGCGGGGAGGCATG
 CCACCTCGTGAAGGCAGGGGGATGCCACCACCTTCTGGAGGTCTGGTGGCCAGGAGGCCCTGGAG
 GACCCATGGGTGCGATGGGAGGCCGTGGAGGAGACAGAGGGGGCTTCCCTCCAAGAGGGCCCGAGGCTC
 CAGAGGAAACCCCTCTGGAGGAGGAAATGTCCAGCACCAGCTGGAGACTGGCAGTGTCCAATCCGGGC
 TGTGGAACCCAGAACTTCGCTTGGAGAACAAGATGCAACCAGTGTAAAGCCCTAAGCCCGAGGGCTTCC
 TCCCGCCACCCTTCCACCTCCGGGTGGTATCGTGGACGAGGTGGCCCTGGTGGCATGCGAGGAGGAAG
 AGGAGGACTCATGGACCGTGGTGGTCTGGAGGAATGTTAGAGGTGGCAGAGGTGGAGACAGAGGAGGC
 TCCGAGGTGGCCGTGGAATGGACCGAGGTGGCTTTGGTGGAGGAAGACGAGGTGGTCTGGGGGGCCTC
 CTGGACCTTAAATGGAACAGATGGGAGGAAGAAGAGGCGGACGTGGAGGACCTGGGAAAATGGATAAAGG
 CGAGCACCGTCAGGAACGCAGAGACCGCCCTACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001283062
- Insert Size:** 1857 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001283062.1](#), [NP_001269991.1](#)

RefSeq Size: 2317 bp

RefSeq ORF: 1857 bp

Locus ID: 14030

Cytogenetics: 11 A1

Gene Summary: Might function as a transcriptional repressor.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) lacks an in-frame segment compared to variant 1. The resulting isoform (3) has the same N- and C-termini but is shorter compared to isoform 1.