

Product datasheet for **MR212819**

Ermard (NM_001039552) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ermard (NM_001039552) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ermard
Synonyms:	2210404J11Rik; 2410011O22Rik; AI448938
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR212819 representing NM_001039552
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGATTTTACCAGGGGATTCCATGACCACATGCCTTTCTCCTTGTAGTCATGACTTGATTTGTAACC
 TTGGGTTTGAACCAAGAAATTTGTGATCAATAGCATTGTAACCAAAATGGTGAAGTACGATGGAA
 AGCAATTACTGACCGTGTGAGATATGAAGAATTAGGGCGAAGTCTGGACTACAGGAGAAGTGTGCAGCAG
 CTGGGTCCGGTGTGTGAGGCCATCCACCTACACATCTCAGCTCTGACCAGGGCTCAGTTTAAAATTCAGT
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 CGTCTTGTGGCATGGCTTTGCTTCCCCTCAAGATATTCTCCAAAATACTGTTCCAGCATGTTGCTGTTG
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 TTGTAACACTCACAACCTTAGAGGATGTGATTGTTTTCTGGTGTGACTTATGAGGTAAGTGCAGCATT
 AGAGACAGTGTGACAAAATCCAACCTTCTATTAATAATCATGTTGCCATATTGGGAAATGGCAGTGAAG
 AAGTTCAAGTCCGACAGGTTTGGCGACTGCACCATGTTGTTGCTGTACAGCTAGAAGCTGGACTCAGGA
 GACTGTTTGTGCAGTTAAACAAGTGTCTGATAGACTGCTCACAGCCGAGTCAACAATTCGTATACCCAC
 GTTTGATGAAATACTGGCAAAACACATGAGTGTGGTAGCATGAACCAGCTTCTTGTTCCTTGGAGAG
 CCTGCCATGGAATCTTGTGGGATTTCTGAACTATCAGGAGGGTCTCGTATCCGGGATCGATAAGCC
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 AGGCATCAACTCCAGTGCCAACGCGTATCTGACCAGGTACCCGCTCTTGCAGCTAAGACACAGGCAA
 TGGGTGGAGCGTAGGTTACGTTCAAGGCAGCGTCAGAACTATGTGCGCATGCTCAGCAGTGTAGACTTT
 TATGTCATGCTTTCCCTGATTTTGTGCTCCTTGCAGTGGAGTTGGCCAGTGTCCATGCTGTTCTGTA
 TAAGGGCGCTGAGGAACACAGCAGTATCTGAGTACACTGAGAACC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAAATCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

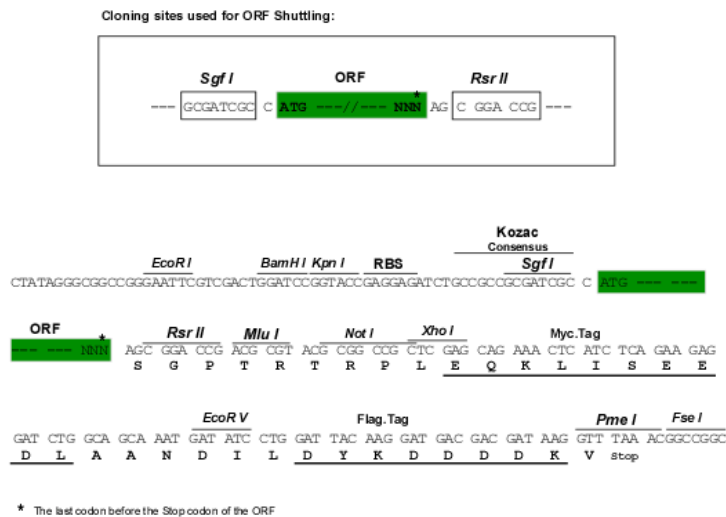
Protein Sequence:

>MR212819 representing NM_001039552
 Red=Cloning site Green=Tags(s)

MEILPGDSMTTCLSPLVHDLICNLGFELKEICDINSIVTQNGEVRWKAITDRVRYEELGRSLDYRRSVQQ
 LGPVCEAIHLHISALTRAQFEIQYSPWYQWTTYPELFLEILDALQSSQPAAVSLGVMKLASCLERALGDV
 FLLVGKECPFLRLDLSAELAQVFGHAVMDILKVFIGSPCLNLRNVLWHGFASPQDIPPKYCSAMLLL
 TAGLGQLLKSYLHHTKVTLAHRPFVTLTNLEDVIVFPGVTYEVLSALETVMTKSNFLKIMLPYWEMAVS
 KFKSHRFADCTMLLLSQLLEAGLRRLFAAVNKCPDRLLTAESTILYTTFDEILAKHMSDGSNMQLPCFLGE
 PAMEFLWDFLNYQEGPRIRDRI SHGEINIREFPPEEAAGQLLTFSLVLLLRFTKGTVSELKEEAATQLLV
 RLAEGYRSRCHPAFQLKQVLSCLERSLRMWPVPLPEECCQEAGRLEGNSEACACNSLSIKIWCELCHYL
 PGSACAINGLDGLPSEKWSQLLSELCSRIPTLFCPRIVLEVLVVLRGINSQCQRVSDQVTSASLQLRHRQ
 WVERRLSRQRQNYVRMLSSVRLLCPLSLILLLLALELASVHAVRDKGAEQQQYLSLRLT

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9014_d12.zip
Restriction Sites: SgfI-RsrII
Cloning Scheme:



ACCN: NM_001039552

ORF Size: 1866 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.

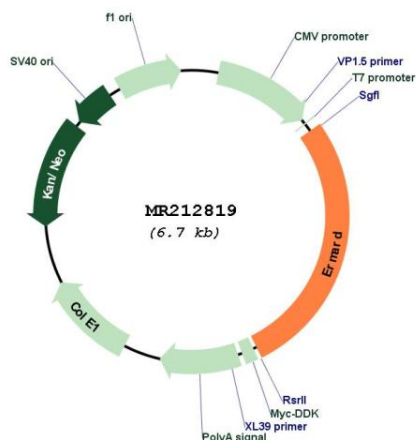
RefSeq: [NM_001039552.3](#)

RefSeq Size: 2513 bp

RefSeq ORF: 1869 bp

Locus ID: 381062
 Cytogenetics: 17 A2
 MW: 70.8 kDa

Product images:



Circular map for MR212819