

## Product datasheet for **MC200794**

### **Mpzl2 (NM\_007962) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mpzl2 (NM_007962) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mpzl2
Synonyms:	Eva; Eva1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC015076 sequence for NM\_007962  
 CCGGGATATCGTCGACCCACGCGTCCGCGGACGCGTGGGGGCCGGGGCGGGATGAGTCACGACTGGTTGG  
 CTCCGCTGTGCGCCTTCCCATAGGTGAGGGACTCGGACCTCTCCGTGGGTAACCTGTGCCGCTGCTCGT  
 CCTAGCCTTGGCCTTGGTTGGGTGCTGGAGTCTGGGTCTGCCGGGTTTGGCCTCTGGGGCCACGACTGG  
 CTTTCCCTGATGTATGGCAAGAGCCCGCGCTTGTGCTCCACTTCTCCTGAGTTTACAGCTCACAGCCC  
 TTTGTCTACAGAAGCTGTGAAATTTACACCTCCGGGGCCCTGGAGGCAGTCAACGGGACAGATGTTCCG  
 GTTAAAAATGCACCTTCTCCAGCTTGGCCCTGTGGGAGATGCGCTAACTGTGACGTGGAATTTCCGACCT  
 CGAGATGGGGTCTGTGAGCAGTTTGTATTCTACTACCACATGGACCCCTCAGGCCCATGAGCGGACGGT  
 TCAAAGACCGGGTGGTCTGGGACGAAACCCGAGCGATATGACGTCTCCATCTTGTCTGGAAGCTGCA  
 GTTTGACGACAATGGGACATACACCTGCCAGGTGAAGAATCCACCTGATGTTGATGGTCTGGTTGGGACG  
 ATCCGGCTCAGCGTTGTGCACACTGTGCCCTTCTCTGAGATCTACTTCTGGCCGTGGCCATTGGCTCTG  
 CGTGCGCACTGATGATCATCGTAGTGATCGTGGTAGTCTCTTCCAGCACTTCCGAAAAAGCGATGGGC  
 GGACAGTCTGATAAAGCCGAGGGGACAAAATCAAAGAAGAGGAAAACTCAACCAAGGAAACAAGGTC  
 TCTGTTTTTGTGAAGATACAGACTAACCTTCGAGAAGCTGAGGATTTTTGAGGACACCATCAGCACCC  
 CTTGAAATCAATAGAAATGTTTCCAGCGATGACCTGTCTGTCTGCTACAGGTTCTGCAGCACAAACCTG  
 CCCAGATGAGCAACGCCCTGCCTGGCAGCTTTGGGTTCTGCCTGAGCTACTAGACTCAGACTTACCTTC  
 GTTGCTACGGTCTATCTAATCCAGAGTGCAATTGTGTGTTAGCTTTTGCAAACCAAGAGGTTACATAT  
 TTGTCTTCCACATTCTATGGTGTGACTCCCATATTTCTGTGCATCAGAGGGGTAAGAAGCCAACTA  
 GCTTGTCTGCCAGAACATACCTTCTCATTTTTAGTTTCTTTAGAACAGCACACAGGTGTCTCAGGGGT  
 CTGAAGAGATAGCTCATCTATCCTTTCGAGAAGATCCAGTTTCAGTCCAGCATCCATTTGGTGGCTC  
 ACAACCATCAGTACCCAGTTTTAGGGGAGGTGACACTCTTCTGGTGTCTGCAGGCACTGAATGCATGT  
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 TCCAGCCACTTTTGATTAATACCAAAAATCCAAAGTCACACAGGAGTCTGATTTTTCATGGCTATCTTTAA  
 ATGGAAAACATCTGTTTTACTGATTTTTTTTTTTCAGTATCCTAGGTTTATTGTTTTGCAATTATTCCAAGG  
 TTTATAGATGACAGCGCAAATCTAAGCACAATAATGACAAAAGGTCAAGAAGACCAGGACACCAGCAA  
 GTGCTACCAGGATGAATCTCTCAGCATCACTTTTGTATTTATTTATTTTATTTTATTTTGTAGCTTCTACTA  
 TGTAGTGTGGTGTCTAGAGCTGACTATGCAGTGTGGCCTGAAACCTAGAGACACCCCTGCCTCAG  
 CTCTCAAGTGCTTCACTCAAGGGGTACCCCCACATCTAGCCCGACTGTAGGTTTGTAAATGAGCACAGAC  
 AGCGTGTCTGTGTGCTCCCTTTACCCCCAGCTCAACATTCTTTCATTTGCAGACTGGAGCCCTTA  
 AGCAATTTATTAGAAGACTTCGTGATACAGATAACTTTAAAAGAAAATAGACTTGTGAAGAAGGCCAAC  
 TCAAAGCAAATGACCATTTTTTTTTTTCAGTCTTATGTGTGAGAACTGGAAGAGATATTTAAAATACTTT  
 TGGTTTTAATTCACCTTACTTTAAGGAGAAATTTGCCATGGGCCAAAGACTACCTAAATGGAATAACCAA  
 TTTATTTTTCCCTTTATTTGAGTATAAAGCAAACCTTTCAAGTGGCCTATGGAAGAAGAGGGATGGCT  
 TTCTTCTTTGTGTCTGGTTACATGGTCTGTGCACACTAGCATTGTTTGGAGAACAGAGACCATCTAAAAG  
 TTCAGGTCCAGGGTGAATCTTTGCGATGTGATGGTTTGTAGTCTTCACTGACTGGGCCACACAGACTATTTT  
 TTTTAAACAACTGGAATTTCCAAAAGATTCTATTTCTACATATTGGATCTTGAATTTTACCCAGTCTT  
 TACAAACAAATGGCATAATTTAAATATAAATTTTGGTCTTGAATTCATTCTATACATCTTGTCCACT  
 TTTTAAAATGCCTAAAAAAGTTTTGTTTTTATTTCTCCCTCCCCCCCCCTTAAAAATTAAGACAGG  
 GTCTCACTACTATAGTTCTGTCTATCCTAGAAGTCTGTGTAGACCAGGCTGCTTGAACCTCAGAG  
 ATCCTACTGCCTCTGCCTCCCTAGTGTAGGAATAAGGGCATGTTCCACCATACCTGTTGTTAAAATTTT  
 GATACCTAGTTTTGAAGCTACAAGTTAGAGCTATATTTTCTTGTGAATATAACAACCTGGATATTTCTT  
 TAAACAGATGGCCTGTGTATTTTCATATTTGTAATGAAGTAGTTAAAACTCACAGAGAATGTCTCCAG  
 GGAACCTGCAGCTTGTGTCTTGTGTTGAATACTCATGGGATATCAGGTTCTTGTTCAGTGTCTCCTCCTA  
 AGAGTACTTTTGTACTGTAACCTATTTTTTATTATGCATGAATCACTGTGTAATAAACCCCTTAGTAATA AAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_007962  
**Insert Size:** 648 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC015076</a> , <a href="#">AAH15076</a>
<b>RefSeq Size:</b>	3024 bp
<b>RefSeq ORF:</b>	648 bp
<b>Locus ID:</b>	14012
<b>Cytogenetics:</b>	9 24.84 cM