

## Product datasheet for **MC208459**

### **Evl (NM\_001163396) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Evl (NM\_001163396) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Evl  
**Synonyms:** A1528774; b2b2600Clo  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC208459 representing NM\_001163396  
**Red=Cloning site Blue=ORF Orange=Stop codon**

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGTCTACGATGACACCAGTAAGAAGTGGGTACCGATCAAGCCTGGCCAGCAGGGATTCAGCCGGATCA  
ACATCTACCACAACACTGCCAGCAGCACCTTCAGAGTGGTCGGGGTCAAGCTACAGGACCAGCAGGTTGT  
GATCAATTATTCAATTGTTAAAGGGCTGAAGTACAATCAGGCAACACCCACCTTCCATCAGTGGCGAGAT  
GCCCGTCAGGTCTATGGCTTAACTTTGCAAGTAAGGAAGAAGCAACCACATTCTCCAATGCCATGCTCT  
TTGCCCTGAACATCATGAATCCCAAGAAGGAGGCCCTCCACACAGCGTCAGGTGCAGAATGGCCCTC  
TCCTGAGGAGATGGACATCCAGAGAAGACAAGTAATGGAGCAGCAGCACCGCCAGGAGTCTCTGGAGAGG  
AGAATCTCGGCCACAGGGCCATTCTCCCCCTGGGCATCCCTCATCGGCAGCCAGCACCCTCTCTCTCT  
GTAGTGGACCTCCACCCCGCTCCACCCCAAGTCCACCTCCACCCACAGGGTCTACTCCCCACCCCTC  
ACCCCACTGCCAGCTGGAGGAGCCAGGGGACCAACCATGATGAGAGCTCTGCATCAGGACTGGCTGCT  
GCTCTGGCGGGAGCCAAGCTAAGGAGGGTGCAGCGGCCAGAAGATGCATCTGGAGGCTCCAGTCCTAGTG  
GGACTTCAAAGTCCGATGCCAACCGGCAAGCAGTGGGGGAGGTGGAGGAGCCCTCATGGAAGAAATGAA  
CAAGTGTCTGGCTAAGAGGAGAAAAGGCAGCCTCCAGACAGACAAGCCCGCTGACAGAAAAGGAGATGAG  
AGCCAAACGGAAGACCCTAGCACCTCCCATCCCAAGGTACCCGAGCCACCAGCCAGCCACCTAATTCCT  
CAGAGGCTGGCAGAAAACCTGGGAACGGAGCAACTCGGTGGAGAAAACCTGTGTCCTCGTTGCTGTCCAG  
AACCCCGTCTGTGGCAAAGAGCCCGAAGCTAAGAGCCCTTCAGTCGCAGCCTCACTCTAGGGTGAAG  
CCTGCTGGGAGTGTGAATGACGTGGCCTGGATGCCTTAGATTTGGACCGGATGAAAACAGGAGATCTGG  
AGGAGGTGGTTCGGGAGCTGCACAAGGTGAAGGAGGAGATCATTGATGCCATCAGGCAGGAGCTAAGTGG  
GATCAGCACCACGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001163396
<b>Insert Size:</b>	1206 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>	<u><a href="#">NM_001163396.2</a></u> , <u><a href="#">NP_001156868.1</a></u>
<b>RefSeq Size:</b>	1976 bp
<b>RefSeq ORF:</b>	1206 bp
<b>Locus ID:</b>	14026
<b>Cytogenetics:</b>	12 F1
<b>Gene Summary:</b>	<p>Ena/VASP proteins are actin-associated proteins involved in a range of processes dependent on cytoskeleton remodeling and cell polarity such as axon guidance and lamellipodial and filopodial dynamics in migrating cells. EVL enhances actin nucleation and polymerization. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) contains alternate exons in the 5' coding region and uses a downstream start codon, compared to variant 1. This results in a shorter protein (isoform 4), compared to isoform 1.</p>