

## Product datasheet for MC208460

### Evl (NM\_007965) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Evl (NM\_007965) 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:** >MC208460 representing NM\_007965  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGTGAACAGAGTATCTGCCAAGCGCGGGCCTCCGTGATGGTCTACGATGACACCAGTAAAGAAGTGGG  
 TACCGATCAAGCCTGGCCAGCAGGGATTACGCCGATCAACATCTACCACAACACTGCCAGCAGCACCTT  
 CAGAGTGGTCGGGGTCAAGCTACAGGACCAGCAGGTTGTGATCAATTATCAATTGTTAAAGGGCTGAAG  
 TACAATCAGGCAACCCACCTTCCATCAGTGGCGAGATGCCCGTCAGGTCTATGGCTTAAACTTTGCAA  
 GTAAGGAAGAAGCAACCATTCTCCAATGCCATGCTCTTTGCCCTGAACATCATGAATCCCAAGAAGG  
 AGGCCCTCCACACAGCGTCAGGTGCAGAAATGGCCCTCTCCTGAGGAGATGGACATCCAGAGAAGACAA  
 GTAATGGAGCAGCAGCACCAGGAGTCTCTGGAGAGGAGAATCTCGGCCACAGGGCCATTCTCCCC  
 CTGGGCATCCCTCATCGGCAGCCAGCACCCTCTCCTGTAGTGGACCTCCACCCCGCCTCCACCC  
 AGTTCCACCTCCACCCACAGGGTCTACTCCCCACCCCACTGCCAGCTGGAGGAGCCAGGGG  
 ACCAACCATGATGAGAGCTCTGCATCAGGACTGGCTGCTGCTCTGGCGGAGCCAAGCTAAGGAGGGTGC  
 AGCGGCCAGAAGATGCATCTGGAGGCTCCAGTCTAGTGGACTTCAAAGTCCGATGCCAACCGGGCAAG  
 CAGTGGGGGAGGTGGAGGAGCCCTCATGGAAGAAATGAACAAGCTGCTGGCTAAGAGGAGAAAGGCAGCC  
 TCCAGACAGACAAGCCGCTGACAGAAAAGGAAGATGAGAGCCAAACGGAAGACCTAGCACCTCCCAT  
 CCCCAGGTACCCGAGCCACCAGCCAGCCACCTAATTCCTCAGAGGCTGGCAGAAAACCTGGGAACGGAG  
 CAACTCGGTGGAGAACTGTGTCTCTGTTGCTGTCCAGGGTGAAGCCTGCTGGGAGTGTGAATGACGTG  
 GGCCTGGATGCCTTAGATTTGGACCGGATGAAACAGGAGATCCTGGAGGAGGTGGTTCGGGAGCTGCACA  
 AGGTGAAGGAGGAGATCATTGATGCCATCAGGCAGGAGCTAAGTGGGATCAGCACACGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_007965
<b>Insert Size:</b>	1182 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_007965.3</a></u> , <u><a href="#">NP_031991.3</a></u>
<b>RefSeq Size:</b>	2139 bp
<b>RefSeq ORF:</b>	1182 bp
<b>Locus ID:</b>	14026
<b>UniProt ID:</b>	<u><a href="#">P70429</a></u>
<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 (2) lacks an in-frame exon in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.</p>