

## Product datasheet for **MC208458**

### **Evl (NM\_001163395) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Evl (NM\_001163395) 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:** >MC208458 representing NM\_001163395  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTTTCGATTTGAAGAATTCAGTGAACAGAGTATCTGCCAAGCGGGCCCTCCGTGATGGTCTACGATG  
 ACACCAGTAAGAAGTGGTACCGATCAAGCCTGGCCAGCAGGGATTACGCCGATCAACATCTACCACAA  
 CACTGCCAGCAGCACCTTCAGAGTGGTCGGGGTCAAGCTACAGGACCAGCAGGTTGTGATCAATTATTCA  
 ATTGTTAAAGGGCTGAAGTACAATCAGGCAACACCCACCTTCCATCAGTGGCGAGATGCCGTCAGGTCT  
 ATGGCTTAAACTTTGCAAGTAAGGAAGAAGCAACCACATTCTCCAATGCCATGCTCTTTGCCCTGAACAT  
 CATGAATCCCAAGAAGGAGGCCCTCCACACAGCGTCAAGTGCAGAATGGCCCCCTCCTGAGGAGATG  
 GACATCCAGAGAAGACAAGTAATGGAGCAGCAGCACCCGAGGAGTCTCTGGAGAGGAGAATCTCGGCCA  
 CAGGGCCATTCTCCCCCTGGGCATCCCTCATCGGCAGCCAGCACCACTCTCCTGTAGTGGACCTCC  
 ACCCCGCTCCACCCCACTCCACCTCCACCCACAGGGTCTACTCCCCACCCCACTCCGCACTGCCA  
 GCTGGAGGAGCCAGGGACCAACCATGATGAGAGCTCTGCATCAGGACTGGCTGCTGCTGGCGGGAG  
 CCAAGCTAAGGAGGTGCAGCGCCAGAAGATGCATCTGGAGGCTCCAGTCTAGTGGACTTCAAAGT  
 CGATGCCAACCGGCAAGCAGTGGGGGAGGTGGAGGAGCCTCATGGAAGAAATGAACAAGCTGCTGGCT  
 AAGAGGAGAAAGGCAGCCTCCCAGACAGACAAGCCGCTGACAGAAAGGAAGATGAGAGCCAAACGGAAG  
 ACCCTAGCACCTCCCATCCCCAGGTACCCGAGCCACCAGCCAGCCACCTAATTCCTCAGAGGCTGGCAG  
 AAAACCTGGGAACGGAGCAACTCGGTGGAGAAACCTGTGCTCCTCGTTGCTGTCCAGGGTGAAGCCTGCT  
 GGGAGTGTGAATGACGTGGGCTGGATGCCTTAGATTTGGACCGATGAAACAGGAGATCCTGGAGGAGG  
 TGGTTCGGGAGCTGCACAAGGTGAAGGAGGAGATCATTGATGCCATCAGGCAGGAGCTAAGTGGGATCAG  
 CACCACG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Restriction Sites:</b>     | Sgfl-Mlul                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ACCN:</b>                  | NM_001163395                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Insert Size:</b>           | 1200 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_001163395.1</a></u> , <u><a href="#">NP_001156867.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>RefSeq Size:</b>           | 1891 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>RefSeq ORF:</b>            | 1200 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 (3) contains an alternate exon in the 5' coding region, uses a downstream start codon, and lacks an in-frame exon in the 3' coding region, compared to isoform 1. This results in a shorter protein (isoform 3), compared to isoform 1.</p> |