

Product datasheet for SC111278

EVL (NM_016337) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EVL (NM_016337) Human Untagged Clone
Tag:	Tag Free
Symbol:	EVL
Synonyms:	RNB6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111278 sequence for NM_016337 edited (data generated by NextGen Sequencing)

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ATGGCCACAAGTGAACAGAGTATCTGCCAAGCCGGGCTTCCGTGATGGTCTACGATGAC
ACCAAGTAAGAAATGGGTACCAATCAAACCTGGCCAGCAGGGATTAGCCGGATCAACATC
TACCACAACACTGCCAGCAACACCTTCAGAGTCGTTGGAGTCAAGTTGCAGGATCAGCAG
GTTGTGATCAATTATTCAATCGTGAAAGGGCTGAAGTACAATCAGGCCACGCCAACCTTC
CACCAGTGGCGAGATGCCCGCCAGGTCTACGGCTTAAACTTTGCAAGTAAAGAAGAGGCA
ACCACGTTCTCCAATGCAATGCTGTTTGCCTGAACATCATGAATTCCCAAGAAGGAGGC
CCCTCCAGCCAGCGTCAGGTGCAGAAATGGCCCTCTCCTGATGAGATGGACATCCAGAGA
AGACAAGTGATGGAGCAGCACCAGCAGCAGCGTCAGGAATCTCTAGAAAAGAAGAACTCG
GCCACAGGGCCATCCTCCCACCAGGACATCCTTCATCTGCAGCCAGCGCCCCCGTCTCA
TGTAGTGGGCTCCACCGCCCCCCCCACCCCACTCCACCTCCACCCACTGGGGCTACC
CCACCTCCCCACCCCACTGCCAGCCGAGGAGCCAGGGTCCAGCCACGACGAGAGC
TCCATGTGAGGACTGGCCGCTGCCATAGCTGGGGCCAAGCTGAGAAGAGTCCAACGGCCA
GAAGACGCATCTGGAGGCTCCAGTCCCAGTGGGACCTCAAAGTCCGATGCCAACCAGGCA
AGCAGCGGGGGTGGCGGAGGAGGCTCATGGAGGAAATGAACAACTGCTGGCCAAGAGG
AGAAAAGCAGCCTCCCAGTCAGACAAGCCAGCCGAGAAGAAGGAAGATGAAAGCCAAATG
GAAGACTCTAGTACCTCCCCCTCTCCGGGACCCGAGCAGCCAGCCAGCCACCTAACTCC
TCAGAGGCTGGCCGGAAGCCCTGGGAGCGGAGCAACTCGGTGGAGAAGCCTGTGTCCTCG
ATTCTGTCCAGAACCCCGTCTGTGGCAAAGAGCCCCGAAGCTAAGAGCCCTTCAGTCG
CAGCCTACTCTAGGATGAAGCCTGCTGGGAGCGTGAATGACATGGCCCTGGATGCCTTC
GACTTGGACCGGATGAAGCAGGAGATCCTAGAGGAGGTGGTGAAGAGCTCCACAAGGTG
AAGGAGGAGATCATCGACGCCATCAGGCAGGAGCTGAGTGGGATCAGCACACGTAA

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Clone variation with respect to NM_016337.2



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_016337 unedited</p> <pre>GGGGTCAGATTTGTATACGACTCACTATAGGCGGCCGCGAAATTCGCACGAGGGAATCAA CATAGGCTGGTGGGAGTACAGGACTCGCCTCCTCAGGTTCCCTGTGCTGCCACTTTTCAG CCATGGCCACAAGTGAACAGAGTATCTGCCAAGCCCGGGCTTCCGTGATGGTCTACGATG ACACCAGTAAGAAATGGGTACCAATCAAACCTGGCCAGCAGGGATTTCAGCCGGATCAACA TCTACCACAACACTGCCAGCAACACCTTCAGAGTCGTTGGAGTCAAGTTGCAGGATCAGC AGGTTGTGATCAATTATTCAATCGTAAAAGGGCTGAAGTACAATCAGGCCACGCCAACCT TCCACCAGTGGCGAGATGCCCGCCAGGTCTACGGCTTAAACTTTGCAAGTAAAGAAGAGG CAACCACGTTCTCCAATGCAATGCTGTTTGCCCTGAACATCATGAATCCCAAGAAGGAG GCCCTCCAGCCAGCGTCAGGTGCAGAATGGCCCTCTCCTGATGAGATGGACATCCAGA GAAGACAAGTGTGGAGCAGCACCAGCAGCAGCGTCAGGAATCTCTAGAAAGAAGAACCT CGGCCACAGGGCCATCCTCCCACCAGGACATCCTTCATTGAGGNCCAGCGCCCCCGTC TCATGTATGGGCTTCAAACGGGCCCCCCACCCCAAGTTCCACCTCCACCCACTGGGG CTACCCCACTCCCCACCCNCACTGNCAGGCCGAAGAGCCAGGGTCCAGCCACGAC GAGAGCTCCATGTCAGGACTGGCCGCTGCCCTAGCTGGGGCCAAGCTGACAAGAGTCCAA CGCCAAAGAGCATATGGAGGCTCCATTCCAGTGGGACCTAAAATGCGATGCCACCGGGC ACACCGGGGGTGCCGGAAGAGCCTTATGTAG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_016337 unedited</p> <pre>ATGTACGCGGCCGCATCTATAGTCGGTTTTTTTTTTTTTTTTTTTTTTTGGCGACAGTAAACCGT TTATTACTGTGTGGACACAGACACCGTGGTGCATGACAGACAGTTTCAACACCATGAGCG CTGGGGACGGAGCTGTGCTGGACAGCTCTGCGGTGTGTGGTGGCGCCACGCTGGGCCGG CTGTCACCGCCAGCTGAGGCGCTAACAGCGTCACCTGGGAGAAAACCTGGAAACCGTCTA ATGAAGCAGGTGACTTAAGGGCGTCTCTAGAAACCCAAAGAAATGTACCTTAAAT AAGCA AATATAAAAACACAAAAAAGACGAGCAGACCTGGTGTCCGTGTCAGGCAGAATCTAAAAA AACCCAGGAGTTGCACTTGGTTTCCTCACTGTCATGTGTGATCACAGGTCAAGACGTTTC ACAGCAGCGCGCCAGGCTCCTGTGCGTCTGCTGGTGCATGAGTCTGGGGCTGGCTGG GCTTCTGGCTGTCTCTGTGCGCGGATGGGCTCGACGAATCAGCGCAGCGAGGCCGGCC CTTACGTGGTGTGATCCCACTCAGCTCCTGCCTGATGGCGTCGATGATCTCCTCCTTCA CCTTGTGGAGCTCTCTACCACCTCCTTAAGATCTCTGCTTCCATCCCCTCCATGTGCA AGGCATCCAGGGCCATGTCATTACGCTCCAGCAAGCTTCATCTATAGTGAGGCTGCG ACTGAAAAGGGGNTCTATCTTTGGGGCTCTGCCCCAGAAAGGGTTCTGGACAGATTGCA GGACCAAGCTTTTCCCGATTTGTTCCGCTCCCAAGGCTTCCGGCCCCCTCTGAGGATTT AAGGGGCTGCCTGCCTGCTCGGGTCCCCGAGAGGGGGAAGTCTTTAGATCTTCATTGGGC TTCTTCTCTCTCTTTCCGCTGGTTGTTTACTGGGAAGTCTTTTCTCTTTGGGCACAC TTGGTCTATTTCTCTGAGGCCCTCCCCACCCCTTGTCTATGTGCTTTA</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_016337
Insert Size:	1910 bp
OTI Disclaimer:	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).
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_016337.2](#), [NP_057421.1](#)

RefSeq Size: 1853 bp

RefSeq ORF: 1257 bp

Locus ID: 51466

UniProt ID: [Q9UI08](#)

Cytogenetics: 14q32.2

Domains: WH1

Protein Families: Druggable Genome

Gene Summary: 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]

Transcript Variant: This variant (1) encodes the longer isoform (1).