

Product datasheet for **SC322587**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322587
 GCTGGTGGGAGTACAGGACTCGCCTCCTCAGGGTTCCTGTGCTGCCACTTTTCAGCCAT
 GGCCACAAGTGAACAGAGTATCTGCCAAGCCCGGGCTTCCGTGATGGTCTACGATGACAC
 CAGTAAGAAATGGGTACCAATCAAACCTGGCCAGCAGGGATTAGCCGGATCAACATCTA
 CCACAACACTGCCAGCAACACCTTCAGAGTCGTTGGAGTCAAGTTCAGGATCAGCAGGT
 TGTGATCAATTATTCAATCGTGAAGGGCTGAAGTACAATCAGGCCACGCCAACCTTCCA
 CCAGTGGCGAGATGCCCGCCAGGTCTACGGCTTAACTTTGCAAGTAAAGAAGAGGCCAAC
 CACGTTTCTCAATGCAATGCTGTTTGCCCTGAACATCATGAATCCCAAGAAGGAGGCC
 CTCAGCCAGCGTCAGGTGCAGAATGGCCCTCTCCTGATGAGATGGACATCCAGAGAAG
 ACAAGTGTGAGCAGCACCAGCAGCAGCGTCAGGAATCTCTAGAAAAGAAGAACCTCGGC
 CACAGGGCCCATCTCCACCAGGACATCTTTCATCTGCAGCCAGCGCCCCGTCTCATG
 TAGTGGGCTCCACCGCCCCCCCCACCCAGTCCACCTCCACCCACTGGGGTACCCC
 ACCTCCCCACCCCACTGCCAGCCGAGGAGCCAGGGTCCAGCCACGACGAGAGCTC
 CATGTCAGGACTGGCCGTGCCATAGCTGGGCAAGCTGAGAAGAGTCCAACGGCCAGA
 AGACGCATCTGGAGGCTCCAGTCCAGTGGGACCTCAAAGTCCGATGCCAACGGGCAAG
 CAGCGGGGTGGCGGAGGAGGCCATGGAGGAAATGAACAAACTGCTGGCCAAGAGGAG
 AAAAGCAGCCTCCAGTCAGACAAGCCAGCCGAGAAGAAGGAAGATGAAAGCCAAATGGA
 AGATCCTAGTACCTCCCCCTCTCCGGGACCCGAGCAGCCAGCCAGCCACCTAACTCCTC
 AGAGGCTGGCCGAAGCCCTGGGAGCGGAGCAACTCGGTGGAGAAGCCTGTGTCTCGAT
 TCTGTCCAGAACCCGTCTGTGGCAAAGAGCCCGAAGCTAAGAGCCCCCTTCAGTCGCA
 GCCTACTCTAGGATGAAGCCTGCTGGGAGCGTGAATGACATGGCCCTGGATGCCTTCGA
 CTTGGACCGATGAAGCAGGAGATCCTAGAGGAGTGGTGAAGAGCTCCACAAGGTGAA
 GGAGGAGATCATCGACGCCATCAGGCAGGAGCTGAGTGGGATCAGCACCCGTAAGGGGC
 CGGCCTCGCTGCGCTGATTCGTGAGCCATCCGGCGACAGAGGACAGCCAGAAGCCAG
 CCAGCCCCAGACTCCAGTGCACCAGAGCACGACAGGAGCCTGGGCGCGTGTGTGAAA
 CGTCTGACCTGTGATCACATGACAGTGAAGAAACCAAGTGAACCTCTGGGTTTTTT
 TAGATTGCTGACACGGAACACCAGGTCTGCTCGTCTTTTTTGTGTTTTATATTTGCT
 TATTTAAGGTACATTTCTTTGGGTTTCTAGAGACGCCCTAAGTACCTGCTTCATTAGA
 CGGTTTCCAGTTTTCTCCAGGTGACGCTGTTAGCGCCTCAGCTGGCGGTGACAGCCGG
 CCCAGCGTGGCGCCACCACACCCGAGAGCTGTCCAGGCACAGCTCCGTCGCCAGCGCT
 CATGGTGTGAACTGTCTGTCATGCACCACGGTGTCTGTGTCCACAGTAATAAACGG
 TTTACTGTCCGCAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_016337

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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).