

Product datasheet for **RR215567**

Evl (NM_024147) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Evl (NM_024147) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Evl
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR215567 representing NM_024147 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCGAACAGAGTATCTGCCAAGCACGGCCCTCCGTGATGGTCTACGATGACACCAGTAAGAAATGGG
TACCAATCAAGCCTGGCCAGCAGGGATTACGCCGATCAACATCTACCACAACACTGCCAGCAACACTTT
CAGGGTTGTAGGGTCAAGCTACAGGATCAGCAGTTGTGATCAATTATTCAATTGTGAAAGGGCTGAAG
TACAATCAGGCAACACCCACCTTCCATCAGTGGCGAGACGCCCGTCAGGTCTATGGCTTAAACTTTGCGA
GTAAAGGAGAAGCAACCATTCTCCAACGCGATGCTCTTTGCCCTGAACATCATGAACTCCCAAGAAGG
AGGCCCTCCACACAGCGTCAGGTGCAGAATGGCCCTCTCCTGAGGAGATGGACATCCAGAGAAGACAA
GTAATGGAGCAGCAGCACCGCCAGGAGTCTCTGGAGAGAAGAATCTCCGCCACAGGGCCATTCTCCCC
CTGGGCATCCGTCATCGGCAGCCAGCGCCACCTTCTCCTGTAGTGGACCTCCACCTCCACCTCCACCTCC
AGTTCCACCTCCACCCACAGGGTCTACTCCCCGCCCCGCCCCGCTGCCTGCTGGAGGAGCCAGGGG
ACCAACCAGATGAGAGCTCTGCATCAGGACTGGCTGCTGCTCTGGCAGGAGCCAAGCTAAGGAGGGTGC
AGCGGCCAGAGGATGCATCTGGAGGCTCCAGTCTAGCGGGACTTCAAAGTCCGATGCCAACCGGGCAAG
CAGTGGGGGAGGAGGAGGAGGCCCTCATGGAAGAAATGAACAAGCTGCTGGCTAAGAGGAGAAAGGCAGCC
TCCCAGACAGACAAGCCCGCTGACAGAAAAGGAAGATGAGAACCAACGGAAGATCCTAGCACCTCCCCAT
CCCCAGGGAGCCGAGCCACCAGCCAGCCACCTAATTCCTCAGAGGCTGGCCGAAAGCCCTGGGAACGGAG
CAACTCGGTGGAGAACTGTGTCTCCTGTTGCTGTCCAGGGTGAAGCCTGCTGGGAGTGTGAATGACGTG
GGCCTGGATGCCTTAGATTTGGACCGGATGAAACAGGAGATTCTGGAGGAGGTGGTCCGAGAGCTCCACA
AGGTGAAGGAGGAGATCATAGATGCCATCAGGCAGGAACCTAAGTGGGATCAGCACCACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR215567 representing NM_024147
Red=Cloning site Green=Tags(s)

MSEQSIQARASVMVYDDTSKKWVPIKPGQQGFSRINIYHNTASNTFRVVGVLQDQQVVINYSIVKGLK
 YNQATPTFHQWRDARQVYGLNFASKGEATTFSNAMLFALNIMNSQEGGPSTQRQVQNGPSPEEMDIQRRQ
 VMEQQRQESLERRISATGPILPPGHPSSAASATFSCSGPPPPPPPPVPPPTGTSTPPPPPLPAGGAQG
 TNHDESSASGLAALAGAKLRRVQRPEDASGGSSPSGTSKSDANRASSGGGGGLMEEMNKLLAKRRKAA
 SQTDKPADRKEENQTEPSTSPSPGSRATSQPPNSSEAGRKPWERSNSVEKPVSSLLSRVKPAGSYNDV
 GLDALDLDRMKQEILEEVVRELHKVKEEIIDAIRQELSGISTT

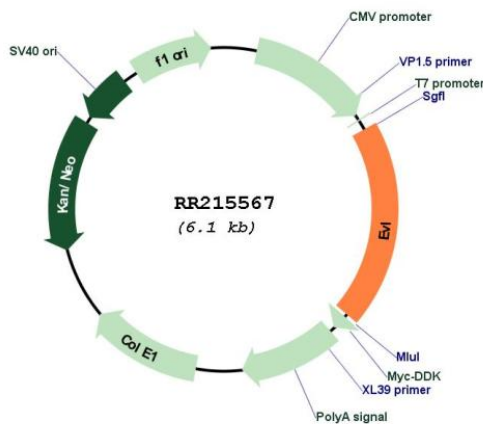
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_024147

ORF Size:	1179 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_024147.1 , NP_077061.1
RefSeq Size:	1854 bp
RefSeq ORF:	1182 bp
Locus ID:	79115
UniProt ID:	O08719
Cytogenetics:	6q32
MW:	42.1 kDa
Gene Summary:	putative member of the Ena/VASP protein family; may be involved with cell motility through actin filament assembly [RGD, Feb 2006]