

Product datasheet for RR204510

Dynll2 (NM_080697) Rat Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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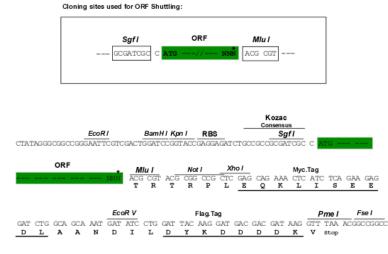
Product Type:	Expression Plasmids
Product Name:	Dynll2 (NM_080697) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dynll2
Synonyms:	Dlc2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	<pre>>RR204510 representing NM_080697 Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGTCTGACCGGAAGGCAGTGATCAAGAACGCAGACATGTCTGAGGACATGCAACAGGATGCCGTTGACT GCGCCACTCAGGCCATGGAGAAGTACAACATAGAGAAGGACATTGCTGCCTATATCAAGAAGGAATTCGA CAAGAAATATAACCCTACCTGGCATTGTATCGTGGGCCGAAATTTTGGCAGCTATGTCACACACGAGACA AAGCACTTCATCTATTTTTACTTGGGTCAAGTTGCAATCCTCCTCTTCAAGTCAGGC
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG GTTTAA
Protein Sequence:	>RR204510 representing NM_080697 <mark>Red</mark> =Cloning site Green=Tags(s)
	MSDRKAVIKNADMSEDMQQDAVDCATQAMEKYNIEKDIAAYIKKEFDKKYNPTWHCIVGRNFGSYVTHET KHFIYFYLGQVAILLFKSG
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Restriction Sites:	Sgfl-Mlul



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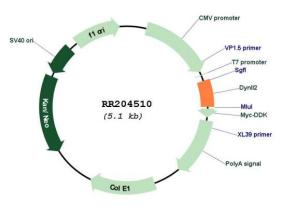


Cloning Scheme:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN:	NM_080697
ORF Size:	267 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. <u>More info</u>

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ORIGENE Dynll2 (NM_080697) Rat Tagged ORF Clone – RR204510		
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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:	<u>NM 080697.2, NP 542428.1</u>	
RefSeq Size:	2370 bp	
RefSeq ORF:	270 bp	
Locus ID:	140734	
UniProt ID:	<u>Q78P75</u>	
Cytogenetics:	10q26	
MW:	10.3 kDa	
Gene Summary:	gephyrin-binding protein that plays a role in postsynaptic targeting of neurotransmitter receptors or scaffolding proteins [RGD, Feb 2006]	

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