

Product datasheet for **RR209090**

Pdlim5 (NM_053326) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdlim5 (NM_053326) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pdlim5
Synonyms:	Enh; Enh1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR209090 representing NM_053326
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGCAACTACAATGTGTCATTGGTTGGCCAGCTCCTTGGGGTTCCGGCTCCAAGTGGAAGGATT
 TCAACATGCCTCTGACAATCTCTAGTCTGAAAGATGGTGGCAAGGCATCACAGGCACACGTGAGAATAGG
 CGATGTGGTTCTCAGCATTGATGGAATCAGTGCCAGGGAATGACTCATCTCGAAGCGCAGAACAAAGATT
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence:

>RR209090 representing NM_053326
 Red=Cloning site Green=Tags(s)

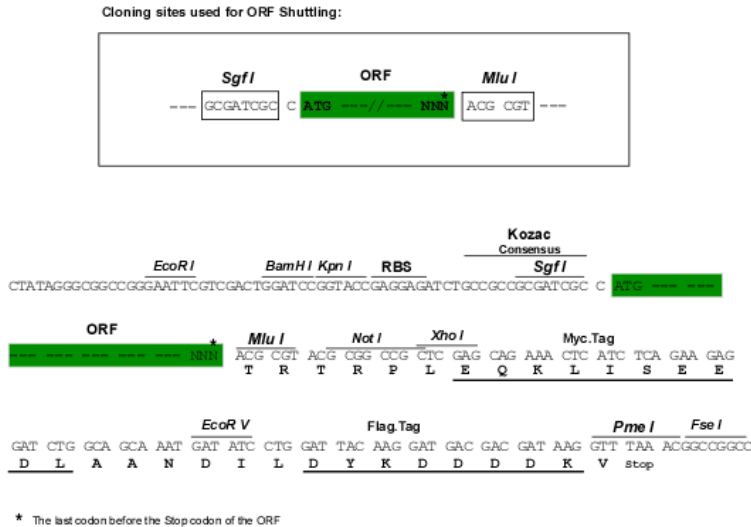
MSNYNVSILVGPAPWGFRLQGGKDFNMPLTISSLDGGKASQAHVRIQDVVLSIDGISAQGMTHLEAQNKI
 KACTGSLNMTLQRASAAKSEPVAVQKGEPEVVKPVPITSPAVSKVTSTTNMAYNKVPRPFGSVSSPKV
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 RSFRILAQITGTEHLKESENDNAKKANSTPEPSQQSASPLSAAESLESPGSNRPVVAGLRSAAAFKPVGS
 TSVKSPSWQRPNQAAPSTGRISNSASSSGTGAPMKPAVGPPQPSDQDTLVQRAEHIPAGKRTPMCAHCNQ
 AIRGPFLLVALGKSWHPEEFNCAHCKNTMAYIGFVEEKGALYCELCYEKFFAPECGRCQRKILGEVINALK
 QTWVHVSFCVACGKPIRNNVFHLEDGEPYCETDYYALFGTICRGCEFP IEAGDMFLEALGSTWHDTCFV
 CSVCCESLEGQTFFSKDKPLCKKHAHSVNF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_053326

ORF Size: 1773 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:**
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_053326.1](#), [NP_445778.1](#)

RefSeq Size: 1896 bp

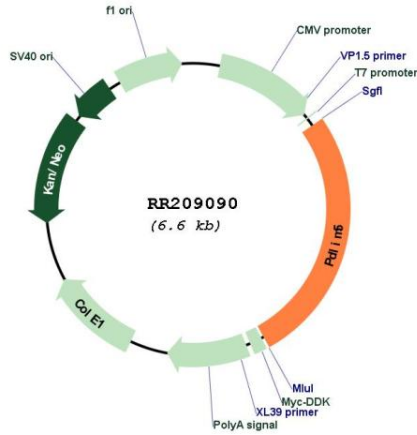
RefSeq ORF: 1776 bp

Locus ID: 64353

UniProt ID: [Q62920](#)

Cytogenetics: 2q44
MW: 63.2 kDa
Gene Summary: associates with protein kinase C; directs protein-protein interaction [RGD, Feb 2006]

Product images:



Circular map for RR209090