

Product datasheet for **RR205732**

Prelid1 (NM_001009636) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prelid1 (NM_001009636) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Prelid1
Synonyms:	Prel1; RGD1308082
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR205732 representing NM_001009636 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGAAGTATTTCTGGGCCAGAGCGTGCTCCGAAGTTCCTGGGACCAAGTGTTCTGCTGCCTTCTGGC
 AACGGTACCCGAATCCCTATAGCAAACATGTCTTAACCGAAGACATAGTGCACCGGGAGGTGACCCCTGA
 CCAGAAGCTTCTGTCCCGGAGACTCCTGACCAAGACCAACAGGATGCCACGTTGGGCAGAGCGACTGTTT
 CCCGCCAACGTTGCTCACTCGGTGTACATCCTGGAGGACTCGATTGTGGACCCACAGAATCAGACCATGA
 CCACCTTCACTTGAACATCAACCACGCCCGGCTGATGGTGGTGGAGAACGATGTGTTTACTGTGTGAA
 CTCTGACAATAGCGGCTGGACCGAAATCCGTCCGGAGGCTGGGTCTCCTCTAGCTTATTTGGTGTCTCC
 AGAGCTGTCCAGGAATTTGGTCTTGCCCGTTCAAAGCAATGTGACCAAGACAATGAAGGGCTTTGAAT
 ACATCCTGGCCAAGCTACAAGGTGAGGCCCTTCAAAAACACTTGTTGAGACAGCCAAGGAGGCCAAAGA
 GAAAGCAAAGGAGACCGCACTGGCAGCTACAGAGAAGGCCAAGGACCTGGCCAACAAGGCCGCCACCAAG
 CAGCAGCAGCAGCTCGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >RR205732 representing NM_001009636
 Red=Cloning site Green=Tags(s)

MVKYFLGQSVLRSSWDQVFAAFWQRYPNPYSKHVLTEDIVHREVTPDQKLLSRLLTKTNMRPWAERLF
 PANVAHSVYILEDIVDPQNQTMTTFTWNINHARLMVVEERCVCVNSDMSGWTEIRREAWYSSSLFGVS
 RAVQEFGLARFKSNVTKTMKGFYILAKLQGEAPSKTLVETAKEAKEKAKETALAATEKAKDLANKAATK
 QQQQQLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001009636

ORF Size: 651 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_001009636.1, NP_001009636.1

RefSeq Size: 1151 bp

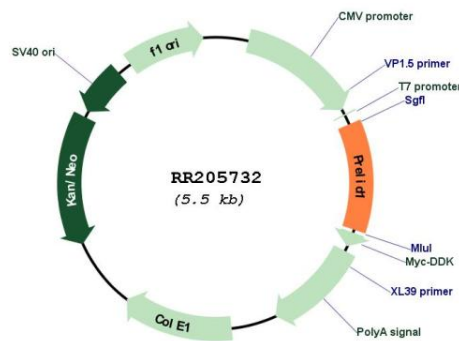
RefSeq ORF: 654 bp

Locus ID: 290995

Cytogenetics: 17p14

MW: 24.9 kDa

Product images:



Circular map for RR205732