

Product datasheet for **RN217142**

Rnpepl1 (NM_001271177) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnpepl1 (NM_001271177) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rnpepl1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN217142 representing NM_001271177

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCGGCGCAGTGCTGCTGCCGAAGGCGCCCGCGCAGAAGCCGCGCCCGCCCGCCCGCGGAGC
CGCCGCCCGCCCTGGAAGTGGCCTCGGCCCTCAGCGCGCAGCTCTTCGCCCTCCGCCACCTGCAGCTGGG
CCTGGAGCTACGCCCCGAGGCGCGTGAGCTGGCCGGCTGCCTGGTGTGGAAGTGTGCGCGCTGCGGCC
GCGCCCCGCGCGCTCGTCTCGACGCGCACCCGGCCTTGCCTACACTCGGTTTCGTTCCGCGCGCCT
CCGCCACCTCCGAGTCGCCCTGCACCTTCGCTTCCCTGCCCCGGGGTACGGGCCCCGCTGCCGCTTT
CGCCGATGCGCTGGAGCGGAGTCTGCCGGTGGCCGCTGCGCTTCAGGCTGGACCCGTTACCGACTAT
GGCTCCTCTCTGACCATCACACTGCCTCCCGAGGTGCAGGCGCACCAGCCCTTCAGGTCATCGTACGCT
ACACCTCGACCGACGCCCCGCCATCTGGTGGCTGGACCCAGAGCTGACCTACGGCAACGCCAAACCTTT
CGTCTTACCCAGGGCCACTCTGTGTGAACCGCTCCTTCTCCATGCTTCGACACGCCGCGAGTCAAG
TGACCTACTCAGCTGTCTGCAAGGCCCGTCAAGGGTACAGGTGCTGATGAGTGCCACTCAGAGCGCGT
ACGTGGAAGAGGAAGGCCTCTACCACTCCACATGGAGCACCCAGTACCCGCTACCTCGTAGCCCTTGT
GGCCGGAGACCTCAAGCCAGCAGACATTGGGCCAGGAGCCGTGTGTGGGCTGAGCCATGCCTCCTACCC
ACAGCCACCAGCAAGTTATCAGGTGCTGTGGAACAGTGGCTGAGTGCAGCAGAGCGATTATACGGGCCAT
ACATGTGGGGCAGATATGACATCGTGTTCTGCCGCCCTCTTCCCCATCGTGGCCATGGAGAACCCTG
CCTCACCTTCATCATCTCTCCATCCTTGAGAGCGATGAGTTCCTGGTGATTGACGTATCCACGAGGTA
GCCCACAGCTGGTTTGGCAATGCTGTACCAACGCCACTTGGGAGGAGATGTGGCTGAGTGAGGGCTGG
CCACCTATGCACAGCGCCGATCACCACGAGACCTACGGGGTGCCTTACCTGCCTAGAGACAGCCTT
CCGCTTGGATGCCCTGCATAGGCAGATGCGGCTTCTTGGGAAGATAGCCCGTTAGCAAGTTGACGGTC
AAGCTAGAACCAGGAGTGAATCCAGTCACCTGATGAACCTGTTACCTATGAGAAGGGCTACTGTTTCG
TCTACTACCTGTCCCAGCTCTGTGGAGATCCCCAGCGCTTTCGACACTTCTCAGAGCCTATGTGGAGAA
ATACAAATTCACCAAGTGTGGTGGCCAGGACCTGCTGGACTCCTTCTGAGCTTCTTCCCTGAACTGAAG
GAGCAGAGCGTGGACTGCCGGGCGAGGCTGGAGTTCGAACGCTGGCTCAATGCCACAGGCCACCGCTGG
CTGAGCCAGACCTGTCTCAGGGGTCCAGCCTAACCCGGCCTGTGAAGCCCTTTTCAGCTGTGGACCGC
AGAGCCCCTGGAGCAGGAGCAGCTTCAGCCAGTGCCATTGACATCTCCAAGTGGAGGACCTTCAGACA
GCACTTCTCTGGACCGCTGCTTGATGGATCCCGTTCGCCAGGAGGTGGTATGAGTCTATCCAAAT
GCTACTCATCCCTGCTGGACTCCATGAACACTGAGATCCGCATCCGCTGGCTGCAGATTGTCGTCCGCAA
TGACTACTATCCTGATCTTCACAGGGTCCGCGCTTTCTGGAGAACCAGATGTCGCGCATGTACACCATC
CCATTGTACGAGGATCTCTGCACTGGCGCCCTCAAGTCCTTCGCACTAGAGGTCTTACAGACACAGG
GCCGGTGCATCCCAACTTGCGCAGAACCATCCAGCAGATCCTATCCAGGGGCTAGGCCCCAGTGCCGA
GCCCAGTGCAGAGCCAGTGGGAGCCAGCGCAGAAGTGGGCGGTGCTGAGGCAGACACGAACCCAGAC
TCGCCAGCCCTGCTGCTCGGGGACGAGGCCCCAGCAGCACCATCTCTCAGGGACGTCAATGTGTCTG
CCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001271177

Insert Size:

2175 bp

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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001271177.1, NP_001258106.1</u>
RefSeq Size:	3163 bp
RefSeq ORF:	2175 bp
Locus ID:	684035
Cytogenetics:	9q36