

Product datasheet for **RN216517**

Layn (NM_001191997) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Layn (NM_001191997) Rat Untagged Clone
Tag: Tag Free
Symbol: Layn
Synonyms: RGD1564444
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216517 representing NM_001191997
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCAACCCGGAGCAGCGCTGCAGGCCATGTTGCTGGCGGTGCTGCTGGCCAACCGAGGGATTCAAGG
GTCACCTGCTGAGCGGTGACTTGGACCCAGAGGAGGGCAGCGGTTCTGCTGGGAAGGGACCGAGGCC
TTGCTACAGAGTCATTTATTTCCATGACACCTCTCAAAGACGGAACTTTGAGGAAGCGAAAGAAGCCTGC
ATGAAGGATGGAGGACAGCTAGCCAGCATAGAAACGGCAGATGAGCAGAGGCTGATAGAGAACTTCATTG
AAAGCCTCCAGGCATCTGATGGTGATTTCTGGATTGGCCTCAAAGAGGTTGGAGGAGAAACAGCACAAACAG
CACAGCCTGCCAGGACCTTACGCTTGGACAGATGGAAGCCTGTCACAGTTCAGGAACTGGTATATGGAT
GAGCCTTCTGTGAGAGCGAGGTCTGCGTGGTCATGTACCATCAGCCATCAGCACCTCCGGGCATCGGGG
GCCATATATGTTCCAGTGGAATGACGACCGGTGCAACACGAAGAAGAATTTCAATTTGCAAAATTTCTGA
CGATAAACCAAGTACAACACCCTCTCTTAGTCTGGAGGTGAAGCAACTGAGCCAGCAGCACCCATACTT
CCAGAAGAACTCTGAAATAGACACCAAGAACGCAGAGAGGCTGCTTTGAATCTTGCCTACATCTCTAA
TTCCCAGTATTTCCCTTTTCTCTACTTGTGGTCACTTCAGTGTGTGGTTGGATCTGTAGAAG
AAAACGGGAACAGACAGACCCTCCACAAAGGAGCAGCACACCATTTGGCCCACTCCTACCAAGAGAAC
AGCCCTGACCTAGAAGTTTACAATGTCATCAGAAAACAAAGTGAAGCTGATTTAGCCGAGCCCCGGCCAG
ATCTGAAGAACATCTCCTTCCGGGTGTGTTCTGGGAAGCCATGCCCGATGACACGTCTTGTGACTATGA
CAACATGGTTATAAACCTTCTGAAAGTGGGTTAGTGACTTTGGCAAGTATGGAGGGTAGATTTGTGACC
AATGACATCTATGAATTCTCCCCGACAGAATGGGGAGGAGCAAGGAGAGTGGATGGGTAGAAAATGAAA
TATATTACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001191997
Insert Size:	1131 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:	<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:	<u>NM_001191997.1, NP_001178926.1</u>
RefSeq Size:	1162 bp
RefSeq ORF:	1131 bp
Locus ID:	500996
Cytogenetics:	8q23