

Product datasheet for **SC103504**

LAYN (AK096925) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LAYN (AK096925) Human Untagged Clone
Tag:	Tag Free
Symbol:	LAYN
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK096925, the custom clone sequence may differ by one or more nucleotides

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AGAGTAGAGGAGGTTCCAGTCTCCTCTGTCCCGTTTGGTCAAGCTGTTGGCACCCGCAAAAAGGATCTG
AGAAAAGGGCACGGATGTTCTCCCCGACATGCAGAACAAGTAAAGAGCCAGAAGCCAGAGCACTTT
ACCTCCTCTGAGGTCAAATCCGAGGCTGCAGTGACACAACAGGAGGAAGGAAGCAGAGAGTCAATCCCC
GGAGTCAGGTGGGGCTCGTCCCACACTAACTGGAGTTCTTTCCCGATCTCTAAGCGCTCTCATACGGGC
GCTCGACCCAGCCATCCAACCCCGCAGAAGAGACGAGGAGTAACAGGCAGGGTCCACGGCACCCGGGA
TCCAGCATCCCTACCCGCTGTCTCTGCGGCGCCTCCCGGAGCGGGCGGTAGGCGGGGGCCAGCTGGCA
AGCCTGCCCGCGGGGGTGGTCCAAGGACTGATTCGATGCGTGTAAAGGAGCGGGCCGAAGGGGCACCC
ACTGGGGCAGGTTTGCCCACTGCCACCTCTCTACATTCTCCAACCCACCCCAATAACTCTGGACTGG
GAACTGGCTTCGAGCGTCCAGGACGCGCAGGAACTGCGCAGCTCCGGAACTGGCGTGGGTCTCAGAC
GCCGTGCGACTGCCCCAGAACGAAGAGACTCCGAAGGGCTGCGTCTGGGAGTGGGGCATGGGACGGCC
TTCTAGTCCCATACGTGGCGACCCAGAAGAGGGTCAAGCAGCTGGGGTGCAGTGAGCCACCCCGGCA
CCAGCCCCCGCCAGCGCGCCTCACTCACTCAGCAGGCGACCCGTCGCGGCCCGCAGCCCCACCCAGC
AGCACGGCCAGCAGCACGGCCTGTAGCGCGTTCCCGGCCTCATGGCCCGACTCGGGTGCGCCCCCGAC
ACTCGGGCGCTACGGCGGTGGAGCGGGCTGGCGGGCAGAGGCGTGCAGCAACTGCAACCCGCGCAGCA
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CGCCCCCTGGGGCGTCACTGCGAGGAGGGCAGCCCCGCTGGTGGCCCGCCCGACAGCCTCTCCAGC
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TCAGCAGGCCGAGTCCAGCACGAAGGGCAGCGCTGAGCAGGGAATGGTGCATGCAGAGAACAACAC
TCACGCAGGCAGTGTGCCACCGGCCAGGAAAGTTATGGGACACCGCGCGGATGGCATCCAAAGAACTTG
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TGGAAAGAACTGATTCTGTTTTTGCAGGGAACAGGTTGGGAGGTGTGGTGCATAGTTAGGGAGTTCAGC
TTTGGCCCTCGCCCCGAGGAAAGAAATGAAACTATTATCTCAGGAAAAGCTTTCCTAACCTAGCCCTCA
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AAATATAGTCAAGCAATAGAGTGAAGCCTCTGTCCAAAGATTAAGGCACTAAGTAGCAGAAGGTGAATCT
GACTTTCTGCCTTTCTGCCACACCATGCTGCTGTGAAGCATAGCAGAAGCCCATCTGGGCCACGACCT
CTGGATTTTGGTCCAGCTTGTCTTCTACGTACTTTCTGCTTTTCAAACAGCCAAGAAAGCAGT
GATGCTTCTAAGGCCTCTAGCCACTGCAATTCTAAACAACAGCCTGAATACAGGCTGGGGGTGAGAGGG
GAGTGGGATGAATTTAGTATCAGCTGAGACTATGGGGGAGCTCTGCTGCGGCACGTAACAGCTAACAGC
GGTTGTGGCAGGATGAGGCTGACCTTTATGGCAAGATCATTATAGACCTTCTCTGTCCCAGTTAGA
ATACGTCAATGTCACATTAACACACTTCTTCTTAGAAATCTTGGTTATCAAACAACCTTGAGAGAAC
TGTTATGGTAAAAGAAGCACTGGAGTTGGCATTGAGGGTCTGTTTCAGATTCTGCTCTCATTTAATG
TCTGTGTGGCCTTTGGCAATCCGTTTGCCTAAGTTTCACTTAACTGTTGGTAACATTAACAGTTGCCTT
AAGAGTTTAGTGAGTGTGATAAGGCAATATATATGAAATGTTTCAGATATCTAGGCACTTAATGTCA
ATTGAAAAGGATTTATTCTAATATTATAACATCTGCTACAACCTTAAAAGCTGTTACATAAATTAATC
GTGTCCCGAC
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for AK096925 unedited TAGGCGGCTCGCGAATTCGCACGAGGGTCCCAGTCTCCTCTGTCCCCTTTGGTCAAGCT GTTGGCACCCGAAAAGGATCTGAGAAAAGGGCACGGATGTTCTCCCCCGACATGCAGA ACAACCTGAAAGAAGCCAGAAGCCAGAGCACTTTACCTCCTCTGAGGTCCAAATCCGAGGC TGCAGTGACACAACAGGAGGAAGGAAGCAGAGAGTCATTCCCCGAGTCAGGTGGGGCTC GTCCCACACTAACTGGAGTTCTTTCCCGATCTCTAAGCGCTCTCATACCGGGCGCTCGAC CCAGCCATCCAACCCCGAGAAGAGACGAGGAGTAACAGGCAGGGTCCCACGGCACCGG GGATCCAGCATCCCTACCCCGTGTCTCTGCGGCCCTCCCGAGCGGGCGGTAGGCGG GGGCCAGCTGGCAAGCCTGCCCGCGGGGTGGTCCCAAGGACTGATTGATGCGTGTA AGGAGCGGGCCGAAGGGGCACCCACTGGGGCAGGTTTGCCCACTGCCCCACCTCTCTAC ATTCTCCAACCCACCCCAATACTCTGGACTGGGAACGGGCTTCGAGCGTTCAGGACGC GCAGGGAAGTGCAGCTCCGGAACTGGCGTGGGTCTCAGACGCGTGCAGTGCACCC AGAACGCAAGAGACTCCGAAGGGTGCCTCTGGGAGTGGGGCATGGACGGCCTTCTAGT CCCATACGTGGGACCCAAAGAGGGTCANCANCAGCTGGGGTCAATGAGCCACCCCGG NACAGCCCCCGCCAGGCGCGCACTCACCCTCAANAGCGACCGTNGGGNCCGCAGC CCCACCAGCANACGGCCN
Restriction Sites:	NotI-NotI
ACCN:	AK096925
Insert Size:	400 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).
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:	AK096925.1
RefSeq Size:	2600 bp
RefSeq ORF:	2600 bp
Locus ID:	143903
Cytogenetics:	11q23.1
Protein Families:	Transmembrane
Gene Summary:	Receptor for hyaluronate.[UniProtKB/Swiss-Prot Function]