

Product datasheet for **SC107266**

LAYN (NM_178834) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LAYN (NM_178834) Human Untagged Clone
Tag:	Tag Free
Symbol:	LAYN
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_178834, the custom clone sequence may differ by one or more nucleotides

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ATGAGGCCGGGAACCGCGCTACAGGCCGTGCTGCTGGCCGTGCTGCTGGTGGGGCTGCGGGCCGCGACGG
GTCGCCTGCTGAGTGGGCAGCCAGTCTGCCGGGGAGGGACACAGAGGCCCTGTTATAAAGTCATTTACTT
CCATGATACTTCTCGAAGACTGAACTTTGAGGAAGCCAAAGAAGCCTGCAGGAGGGATGGAGGCCAGCTA
GTCAGCATCGAGTCTGAAGATGAACAGAACTGATAGAAAAGTTCATTGAAAACCTTTGCCATCTGATG
GTGACTTCTGGATTGGGCTCAGGAGGCGTGAGGAGAAACAAAGCAATAGCACAGCCTGCCAGGACTTTA
TGCTTGGACTGATGGCAGCATATCACAAATTTAGGAACTGGTATGTGGATGAGCCATCCTGCGGCAGCGAG
GTCTGCGTGGTTCATGTACCATCAGCCATCGGCACCCGCTGGCATCGGAGGCCCTACATGTTCCAGTGGA
ATGATGACCGGTGCAACATGAAGAACAATTTCAATTTGCAAATATTCTGATGAGAAACCAGCAGTTCCTTC
TAGAGAAGCTGAAGGTGAGGAAACAGAGCTGACAACACCTGTAATCCAGAAACACAGGAAGAAGAT
GCCAAAAAACATTTAAAGAAAGTAGAGAAGCTGCCTTGAATCTGGCCTACATCCTAATCCCCAGCATT
CCCTTCTCCTCCTTGTGGTCACCACAGTTGTATGTTGGGTTTGGATCTGTAGAAAAAGAAAACGGGA
GCAGCCAGACCCTAGCACAAAGAAGCAACACCATCTGGCCCTCTCCTCACCAGGAAACAGCCCGGAC
CTAGAGGTCTACAATGTCATAAGAAAACAAAGCGAAGCTGACTTAGCTGAGACCCGGCCAGACCTGAAGA
ATATTTCAATCCGAGTGTGTTCCGGGAGAAGCCACTCCCGATGACATGTCTTGTGACTATGACAACATGGC
TGTGAACCATCAGAAAGTGGGTTTGTGACTCTGGTGAGCGTGGAGAGTGGATTTGTGACCAATGACATT
TATGAGTTCTCCCAGACCAAAATGGGGAGGAGTAAGGAGTCTGGATGGGTGGAAAATGAAATATATGTTT
ATTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_178834 unedited GTTGCCATTTGTATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGTGCGGTCCG TCGGTGGCCTAGAGATGCTGCTGCCCGGTTGCAGTTGTCGCGCACGCCTCTGCCCGCCA GCCCGCTCCACCGCCGTAGCGCCGAGTGTGGGGGGCGCACCCGAGTCGGGCCATGAGG CCGGGAACCGCTACAGCCGTGCTGCTGGCCGTGCTGCTGGTGGGGCTGCGGGCCGCG ACGGGTCGCCTGCTGAGTGGCAGCCAGTCTGCCGGGGAGGGACACAGAGGCCTTGTAT AAAGTCATTTACTTCCATGATACTTCTCGAAGACTGAACTTTGAGGAAGCCAAAGAAGCC TGCAGGAGGGATGGAGGCCAGCTAGTCAGCATCGAGTCTGAAGATGAACAGAAACTGATA GAAAAGTTCATTGAAAACCTCTTGCCATCTGATGGTGACTTCTGGATTGGGCTCAGGAGG CGTGAGGAGAAACAAAGCAATAGCACAGCCTGCCAGGACCTTTATGCTTGGACTGATGGC AGCATATCACAATTTAGGAACTGGTATGTGGATGAGCCGCTCTGCCGCAGCGAGGTCTGC GTGGTCATGTACCATCAGCCATCGGCACCCGCTGGCATCGGAGGCCCTACATGTTCCAG TGGAAATGATGACCGGNTGCACATGAAGAACATTTCAATTTGCANATATTCTGATGAGAAAC CAGCAGTTCCTTCTAGAGAGCTGAAGGTGAGGAAACAGAGCTGACACACCTGTACTTNNC AGAGAACACAGGNAGAAGATGCCAAAAACATTTAAAGAAGTAGAGAAGCTGCCTTGAAT CTGGCCTACATNCTAATCCCCAGCATTCCCTTCTNCTNCTCCTTGTGGTCACACAGNTG TATGTGGGGTTGGGATCTGTAANAAGAAAACGGGAGCAGCCAGACCCTACCCAAAA
Restriction Sites:	NotI-NotI
ACCN:	NM_178834
Insert Size:	1800 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:	NM_178834.2 , NP_849156.1
RefSeq Size:	2067 bp
RefSeq ORF:	1125 bp
Locus ID:	143903
UniProt ID:	Q6UX15
Cytogenetics:	11q23.1
Protein Families:	Transmembrane

Gene Summary:

Receptor for hyaluronate.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) lacks an exon in the 5' coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.