

Product datasheet for SC119347

CHAD (NM_001267) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CHAD (NM_001267) Human Untagged Clone
Tag:	Tag Free
Symbol:	CHAD
Synonyms:	SLRR4A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119347 sequence for NM_001267 edited (data generated by NextGen Sequencing)

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ATGGTCCGCCCAATGCTCTTGCTCAGCCTCGGCCTCTGGCTGGTCTGCTGCCGGCGCTG
GCCGCCTGCCCCAGAAGTCCCAAGTGTGAGAGAGACCAAGCTGCTCAACCTACAGCGC
GTGGGGCTGCAGAAAGATCCCAAGTGTGAGAGAGACCAAGCTGCTCAACCTACAGCGC
AACAACTCCCGGTGCTGGCTGCCAATTCGTTCCGGGCCATGCCGAACCTCGTGTATTG
CACCTGCAGCACTGCCAGATCCGCGAGGTGGCCGCGGTGCCTCCGCGGCCTCAAGCAA
CTTATCTACTTGTACCTGTCCATAACGACATCCGCGTGTGCGCGCAGGTGCCTTCGAC
GACCTGACCGAGCTGACCTACCTACCTGGACCACAACAAGGCTACTGAGCTGCCCCGG
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GAGCTGCGCGCAGGCGCCTTCCAGGGAGCCAAGGACCTGCGCTGGCTCTACCTGTGCGAA
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CAGTGGACAGGAACAGCTGTCCAGCTACCCCTCAGCTGCCCTGAGCAAGCTACGGGTG
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TCCTTTGGCAGATACCTGGAGACCCTCTGGCTGGACAACCAACCTGGAGAAGTTCTCA
GATGGTGCCTTCTGGGTGTAACCACGCTGAAACACGTCATTTGGAGAACAACCGCTTG
AACCAGTACCCTCCAACCTCCCTTCGACAGCCTGGAGACCCTCGCCCTTACCAATAAC
CCCTGGAAGTGTACCTGCCAGCTCCGGGGCCTTCGGCGGTGGCTGGAAGCCAAGGCCTCC
CGCCAGATGCCACCTGTGCCTCACCTGCCAAGTTCAAGGGCCAGCACATCCGTGACACG
GACGCTTCCGCAGCTGCAAGTTCCCAACCAAGAGGTCCAAGAAAGCTGGCCGCCATTA

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Clone variation with respect to NM_001267.2
579 c=>t



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_001267 unedited
 GCAATTTGTAATACGACTCACTATAGGGCGGCCGAATTCGGCACGAGGGCCTCGAGCT
 CCACGTAGAGCTGGCTCGGCTGCCGGCTGCGGTGAGGGCCACCGTATAAAGAGGGCGGCA
 GACCCGAGCGCCTAGGACTCGCCGCTGCCCGGCCCGCCGCGCTGCTGCCCCAGCCC
 CGGCCAGGCGTCCCAGCCATGGTCCGCCAATGCTCTTGCTCAGCCTCGGCCCTCTGG
 CTGGTCTGCTGCCGGCGCTGGCCGCTGCCCCAGAAGTCCACTGCCACAGCGACCTGC
 AGCAGTCATCTGCGACAAGGTGGGGCTGCAGAAGATCCCAAGGTGTCAGAGAAGACCA
 AGCTGCTCAACCTACAGCGCAACAACCTCCCGGTGCTGGCTGCCAATTCGTTCCGGGCCA
 TGCCGAACCTCGTGCATTGCACCTGCAGCACTGCCAGATCCGCGAGGTGGCCGCGGTG
 CCTTCCGCGCCCTCAAGCAACTTATCTACTTGTACCTGTCCATAACGACATCCGCGTGC
 TGCGCGCAGGTGCCTTCGACGACCTGACCGAGCTGACCTACCTTACCTGGACCACAACA
 AGGTCACTGAGCTGCCCCGGGGTTGCTCTCCCGCTGGTCAACCTTTTCATCTTGACG
 TCAACAACAAGATCCGTGAGCTGCGCGCAGGCGCTTCCAGGGAGCCAAGGACCTGC
 GCTGGCTCTACCTGTGCGAAAACGCGTTGAGCTCCCTGCAGCCCGNGCCCTGGACGATG
 TGNGAGACCTCGCAAATTCACGTGGACAGGAACCAGCTGTCCAGCTACCCCTCAGCTG
 CCCTGAGCAGCTACGGNTGGGGGAGAGCTGAAGCTGTCCACACCCCTGGAAAGCATC
 CCGGACATGCNCTNACGTCTTTGGCAGATACCTGGAGACCTCTGCTGGACACACCACCT
 GGAGAAGTCTCAGA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_001267 unedited
 TGACCGCGGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTAATACATACATACATTTAT
 ATTTATAGAAATCTCAGGAAGAAATTGCAGCATGGGAAGATGGACAGCAAAGCACCGATG
 TCCTGCTAGAACGTCCTGGCAGGTGGGGCTGGCAGAGTTGGGGCATGGGCTTTAAACC
 CTTTCTGGAAGCAAGGGTGGGGCAAGGATCTGATGATTGTTCCACGTGGCAGGAAAG
 AGGAACAGAGGAAGGATGATCCTGGGAGGGTGGCCATCCTGATGACCAACCTGTTGTGGT
 TCTGATTGACTTGGGGGGGGGGTCTCAGCAACAGCTTCTCCAAGAGGAGCTGGAGGG
 TGGGGAAGGCAAGAAGCTGGGGAGAGGCTCATCCTTCTTCTCCCAGGACACTGCTGG
 GTGGAGCTGGGTTGGTAGTGGAGTGCCCGAGGCCCTGCCAGGACGTGTCTAGGTGTAG
 GCAGCTCTGTGCATCAGCAGAGGCTGTGGGGAGAAGGTATGGGTGGAGGTGAGAAGGTCA
 GTAGTCTCTCCGGTGAAGGCAGAGGCCAGTACCAGGACTGGCTGGGTGAGAACCTGTT
 TAATGGCGGCCAGCTTTCTTGGACCTCTTGGTGGGGAACCTGCAGCTGCGGAAGGCGTCC
 GTGTACGGATGTGCTGGCCCTTGAACCTTGGCAGGTGAGGCACAGGTGGCATCTGGGCGG
 GAGGCCTTGGTTTCAGCCACCGCGAAGGCCCGGAGCTGGCAGGTACACTCCCAGGGGT
 TATTGTTAAGGGCCAGGGTCTCCAGCCTTGCCAAGGAAATTGGAAGGTACCTGCTCAAG
 CCGTTGCTCCTCAATGACCGGTTTAAACGGGTTACCCAAAAAGCACCTCTGAGACTTTC
 CAGGTGGGGTAGCCACACAAGGATCCAAG

Restriction Sites:

NotI-NotI

ACCN:

NM_001267

Insert Size:

1920 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:

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_001267.1](#), [NP_001258.1](#)

RefSeq Size: 1789 bp

RefSeq ORF: 1080 bp

Locus ID: 1101

UniProt ID: [O15335](#)

Cytogenetics: 17q21.33

Domains: LRRNT, LRRCT, LRR, LRR_TYP, LRR_PS

Protein Families: Secreted Protein

Protein Pathways: ECM-receptor interaction, Focal adhesion

Gene Summary: Chondroadherin is a cartilage matrix protein thought to mediate adhesion of isolated chondrocytes. The protein contains 11 leucine-rich repeats flanked by cysteine-rich regions. The chondroadherin messenger RNA is present in chondrocytes at all ages. [provided by RefSeq, Jul 2008]