

## Product datasheet for **SC322746**

### 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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for SC322746  
 CCCGCGCCCCGCCGCTGCTGCCCCAGCCCCGCCAGGCGTCCCAGCCATGGTCC  
 GCCCAATGCTCTTGCTCAGCCTCGGCCTCCTGGCTGGTCTGCTGCCGGCGCTGGCCGCCT  
 GCCCCAGAAGTCCCACTGCCACAGCGACTGCAGCACGTCACTGCGACAAGGTGGGGC  
 TGCAGAAGATCCCAAGGTGTGAGAGAAGCAAGCTGCTCAACCTACAGCGCAACAAC  
 TCCCGGTGCTGGTGCCAATTCGTTCCGGGCCATGCCGAACCTCGTGCTATTGCACCTGC  
 AGCACTGCCAGATCCCGAGGTGGCCGCGGTGCCTTCCGCGGCCTCAAGCAACTTATCT  
 ACTTGTACCTGTCCATAACGACATCCGCGTGCTGCGCGCAGGTGCCTTCGACGACCTGA  
 CCGAGCTGACCTACCTCTACCTGGACCACAACAAGGTCACTGAGCTGCCCGGGGTTGC  
 TCTCCCCGCTGGTCAACCTCTTTCATCTTGACAGCTCAACAACAACAAGATCCGTGAGCTGC  
 GCGCAGGCGCCTTCCAGGGAGCCAAGGACCTGCGCTGGCTCTACCTGTGCGAAAACGCGT  
 TGAGCTCCCTGCAGCCCCGGGCCCTGGACGATGTGGAGAACCTCGCCAAATTCACGTGG  
 ACAGGAACAGCTGTCCAGCTACCCCTCAGCTGCCCTGAGCAAGCTACGGGTGGTGGAGG  
 AGCTGAAGCTGTCCACAACCCCTGAAAAGCATCCCGGACAATGCCTTCCAGTCCTTTG  
 GCAGATACCTGGAGACCCTTGCTGGACAACCAACCTGGAGAAGTTCTCAGATGGTG  
 CCTTCTGGGTGTAACACGCTGAAACAGTCCATTTGGAGAACAACCGCTTGAACCAGC  
 TACCCTCAACTTCCCCTTCGACAGCCTGGAGACCCTCGCCCTTACCAATAACCCCTGGA  
 AGTGTACCTGCCAGCTCCGGGGCCTTCGGCGGTGGCTGGAAGCCAAGGCCTCCCGCCAG  
 ATGCCACCTGTGCCTCACCTGCCAAGTTCAGGGCCAGCACATCCGTGACACGGACGCCT  
 TCCGCAGCTGCAAGTTCACCAAGAGGTCCAAGAAAGCTGGCCGCCATTAACAGGTT  
 CTGACCCAGCCAGTCTGGTGACTGGCCTTGCCTTCCACCGGAGAGACTACTGACCTTC  
 TCACCTCCACCATACTTCTCCCCACAGCCTCTGCTGATGCACAGAGCTGCCTACACT  
 AGACAGTCTTGGCAGGGGGCCTCGGGCACTCCACTACCAACCCAGCTCCACCCAGCAGT  
 GTCCTGGGAGAAAGGAAGGCTGAGCCTTCTCCCCAGCCTTTCATGCCTTCCCAACCCTCCAG  
 CTCTCTTGGAGAAGCTGTTGCTGAGACCCCCCCCCCAAGTCAATCAGAACCACAACA  
 GGTTGGTCATCAGGATGGCCACCCTCCCAGGATCATCCTTCTCTGTTCTCTTTCCCTG  
 CCACGTGGAAACAATCATCAGATCCTTGCCCCACCCCTTGCTTCCAGAAAGGGTTTTAA  
 GCCCATGCCCCAACTCTGCCAGCCCCACCTGCCAGGACGTTCTAGCAGGACATCGGTGC  
 TTTGCTGCCATCTTCCATGCTGCAATTTCTTCTGAGATTTCTATAAATAAATGTA  
 TGTATGTATTA

**Restriction Sites:** Please inquire

**ACCN:** NM\_001267

**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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001267.1</a> , <a href="#">NP_001258.1</a>
<b>RefSeq Size:</b>	1789 bp
<b>RefSeq ORF:</b>	1080 bp
<b>Locus ID:</b>	1101
<b>UniProt ID:</b>	<a href="#">O15335</a>
<b>Cytogenetics:</b>	17q21.33
<b>Domains:</b>	LRRNT, LRRCT, LRR, LRR_TYP, LRR_PS
<b>Protein Families:</b>	Secreted Protein
<b>Protein Pathways:</b>	ECM-receptor interaction, Focal adhesion
<b>Gene Summary:</b>	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]