

## Product datasheet for **SC302363**

### CHI3L2 (NM\_001025199) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CHI3L2 (NM\_001025199) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** CHI3L2  
**Synonyms:** CHIL2; YKL-39; YKL39  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_001025199 edited  
GGATCTGCCTACAACTGGTTTGCTACTTTACCAACTGGTCCCAGGACCGCAGGAACCA  
GGAAAATTCACCCCTGAGAATATTGACCCCTTCCCTATGCTCTCATCTCATCTATTATT  
GCCAGCATCGAAAACAACAAGGTTATCATCAAGGACAAGAGTGAAGTGCTCTACCAG  
ACCATCAACAGTCTCAAAACCAAGAATCCAAACTGAAAATTCTTTGTCATTGGAGGG  
TACCTGTTTGGTCCAAAGGTTCCACCCTATGGTGGATTCTTCTACATCAGCTTGAA  
TTCATTAACCTCATAATCCTGTTTCTGAGGAACCATAACTTTGATGGACTGGATGTAAGC  
TGGATCTACCCAGATCAGAAAGAAAACACTCATTTCACTGTGCTGATTGATGAGTTAGCA  
GAAGCCTTTCAGAAGGACTTCACAAAATCCACCAAGGAAAGGCTTCTTTGACTGTGGGC  
GTATCTGCAGGGAGGCAAATGATTGATAACAGCTATCAAGTTGAGAACTGGCAAAGAT  
CTGGATTTTCATCAACCTCCTGTCTTTGACTTCCATGGGTCTTGGGAAAAGCCCCTTATC  
ACTGGCCACAACAGCCCTCTGAGCAAGGGTGGCAGGACAGAGGGCCAAGCTCCTACTAC  
AATGTGGAATATGCTGTGGGGTACTGGATACATAAGGGAATGCCATCAGAGAAGGTGGTC  
ATGGGCATCCCCACATATGGGCACTCCTTCACTGGCCTCTGCAGAAACCACCGTGGGG  
GCCCTGCCTCTGGCCCTGGAGCTGCTGGACCCATCACAGAGTCTTCAGGCTTCTGGCC  
TATTATGAGATCTGCCAGTTCCTGAAAGGAGCCAAGATCACGCGGCTCCAGGATCAGCAG  
GTTCCCTACGCAGTCAAGGGGAACCAGTGGGTGGGCTATGATGATGTGAAGATATGGAG  
ACCAAGGTTTCAGTTCCTAAAGAATTTAAACCTGGGAGGAGCCATGATCTGGTCTATTGAC  
ATGGATGACTTCACTGGCAAATCCTGCAACCAGGGCCCTTACCCTTTGTCCAAGCAGTC  
AAGAGAAGCCTTGGCTCCCTGTGAAGGATTAACCTACAGAGAAGCAGGCAAGATGACCTT  
GCTGCCTGGGCTGCTCTCTCCAGGAATTTCTCATGTGGGATTCCTTCCAGGCCGG  
CCTTTGGATCTCTTCCAAGCCTTCTGACTTCTCTTAGATCATAGATTGGACCTGG  
TTTTGTTTCTGCAGCTGTTGACTTGTGGCCTGAAGTACAATAAAAAAATTCATTTT  
GCTCCAGTAAA

**Restriction Sites:** Please inquire



[View online »](#)

<b>ACCN:</b>	NM_001025199
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	The ORF of this clone has been fully sequenced and found to be a good match to NM_001025199.1 except for one SNP.
<b>Components:</b>	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>	<u><a href="#">NM_001025199.1</a></u> , <u><a href="#">NP_001020370.1</a></u>
<b>RefSeq Size:</b>	1516 bp
<b>RefSeq ORF:</b>	936 bp
<b>Locus ID:</b>	1117
<b>UniProt ID:</b>	<u><a href="#">Q15782</a></u>
<b>Cytogenetics:</b>	1p13.2
<b>Gene Summary:</b>	<p>The protein encoded by this gene is similar to bacterial chitinases but lacks chitinase activity. The encoded protein is secreted and is involved in cartilage biogenesis. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (c) is shorter at the N-terminus compared to isoform a.</p>