

## Product datasheet for **SC116278**

### Jaw1 (LRMP) (NM\_006152) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Jaw1 (LRMP) (NM_006152) Human Untagged Clone
Tag:	Tag Free
Symbol:	Jaw1
Synonyms:	JAW1; LRMP
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC116278 sequence for NM\_006152 edited (data generated by NextGen Sequencing)

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ATGAATGATGACCCAAGTATGGAAGAGAATGGTGTGAAACGCGTGTGCCTGAGAGCCTG
CTGCAGTCCAGGGAATATTCCTCACTACCATTACCCAGACACACTTCATCGACAGACGGT
ACTATAACTTCAAGTGATCCTGGATTAGAAATCTGAATATGGCTTCTTGTGACCTTGAC
AGAAACTCGCTCTGTAAAGAAAGAGGAGGATACAAGATCAGCTTCTCCACGATAGAGGCC
CAAGGCACAAGTCCAGCTCATGATAATATTGCATTCCAAGACTCTACGAGTAAGGATAAA
ACCATATTAATCTGGAAGCCAAAGAGGAACCAGAAACAATAGAAGAACAATAAAAAAGAA
CATGCTTCAGGAGACTCTGTGGTTTCCCCTCTTCTGTAACTACTGTGAAATCGGTAAAC
GTTAGACAAAAGTGAACACTTCTGCTAATGAGAAGGAGGTGGAGGCAGAATTTCTCAGA
TTATCTTTGGGATTTAAGTGTGACTGGTTTACCTTGGAGAAGAGAGTGAAGCTTGAAGAG
AGGTCCCCTGACTTGGCAGAAGAAAATTTGAAGAAAGAAATCACTAACTGTTTAAAACTA
TTAGAGTCTTTAACACCTCTGTGTGAAGATGACAACCAGGCACAGGAAATCATTAAAGAG
CTGGAGAAGAGTATAAAGTTTCTTAGCCAGTGTGCAGCAGAGTGGCCAGTAGGGCTGAG
ATGTTGGGAGCCATCAATCAGGAAAGCCGGGTTAGTAAAGCAGTTGAAGTATGATTCAG
CAGGTAGAAAACCTGAAGAGGATGTATGCCAAAGAGCACGCTGAATTAGAAGAAGTGA
CAGGTTCTTCTGCAGAATGAAAGGTCTTTCAATCCTCTTGAAGATGATGATGACTGCCAA
ATTAAAAAACGTTTCACTTCTAACTCCAAGCCATCTTCTCTACGAAGAGTACTATT
GCCTCTTTACCCAGAAATATTGGAAATGCAGGAATGGTGGCTGGGATGGAAAATAATGAT
CGATTCAGTAGAAGGTCAAGCAGTTGGCGTATTTTGGGGTCAAAGCAGAGTGAACACCGT
CCCTCATTACCTCGATTTATTAGCACCTATTCTGGGCAGATGCTGAAGAAGAAAAATGT
GAACAAAACTAAAGATGACTCAGAGCCATCTGGAGAAGAAACAGTAGAAAGGACAAGG
AAGCCAAGTCTTTCTGAAAAGAAAAATAATCCATCAAAGTGGGATGTCTTTCAGTTTAT
GACACAATAGCTTCTGGGCAACAATCTCAAGTCTCCATCAGAAAGGCTAATAAGGCC
CTCTGGCTCTCTATTGCATTCTTGTACTGTTTGCAGCTTTGATGAGCTTCTCACAGGC
CAATTATTCCAGAAGTCTGTGGATGCCGCTCCACACAGCAAGAGGACTCATGGACGTCT
CTAGAACATATCTTGTGGCCATTACCAGACTCCGACACAATGGGCCACCACCAGTGTGA
    
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Clone variation with respect to NM\_006152.3

421 c=>g

**5' Read Nucleotide Sequence:**

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>OriGene 5' read for NM_006152 unedited
GTATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGCACTCCATT
GCTTTCTTTCCTGGCCACACTGTACAATCCAGCACTAACTATCCATGTCCAGGGTAAGG
ATCGAGATCGAGAAGCCACACTGCCAGTGA AAAAGCTACGTCTTTACTGCATAAATTAG
AGGAAGCAATTTTCGGAACAACGGAACCTTCAAATAAATACTGAATTATCGAACACTT
GCCAGGCACTTTCAGCAGAAGACAAGGAACTGAAGAAGCTTTTATGATGAGGAATTTCT
CACTATGATTCCTGTCTGCGCAGATGCAATTAACAACCTCTTCAAGAAAAATTGAAG
CAGTGTTGCCACAACTATATGGTGGTCAAGAAGCAAGAATACATCAGACACCCCTGACC
TTGAAACATACGTGCTGGTACACACCTCTGCTGGATGCCTTATCTCTGGATAGTTTTACA
GCAGTTCCAACCTGGAATCAACACCTTTCTCAGGTGTAGCCAACCAAATCCACACTCTG
TGTGAAAGGCCACATATGGAGAAGTAAAGGATGGTGTCTTGGATGTA AAAAGACAACAC
AAGTGCCAGGCCCAAGTGGCCCCAGCCAGGAACGAATCTCTCAGGCTGCATCAGG
ATGAATGATGACCCAAGTATGGAAGAGAATGGTGTGAAACGCGTGTGCCTGAGAGCCTG
CTGCAGTCCAGGGAATATTCCTCACTACCATTACCCAGACACACTTCATCGACAGACGGT
ACTATAACTTTCAGTGATCCTGGNATAGAAAATCTGAATATGGGCTTCTTGTGACCTTGA
CAGAAAACGCTCTGTTAGAAAAGAGGATACAAGATCAGCTTNTCCACGATAGAGGC
CCAAGGCACAGCCAGCTCATGATAATATGCATTCCAGACTCTCGAGTAGGATAAAACCTA
TTAATCTGGAGCCAAGAGG
    
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<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_006152 unedited  AGAGTCGAGTTTTTTTTTTTTTTTTTTTTGGTTTTTTTTTAAAGATTTAAATGATTCTTTATT  TCAATAAACTTTAACAAACAATATATAATTTTCTTCTTAAAAAGCTCATTCAAAGATC  ATAGGCAGACTTCTTCCCATTGTATTTTAGTTGGGGAGATAAAGGCAAAAAGAGGAAAT  GTAAGCTATCTTACAGTCATTCTGAGAACCTCTGGTTTCATGCTATACTTTCCAGCTAA  AAGTTACTAATTTACGAAGTTCAGATACTGAAACTTAAAAATCAAGATCCATATATTAGG  ATGTCTGCTGTACACTGGTGGTGGCCATTGTGTCGGAGTCTGGTAAATGGCCACAAG  ATATGTTCTAGAGACGTCCATGAGTCCTTTGCTGTGTGGGAGCGGCATCCACAGACTTC  TGGAATAATTGGCCTGTGAGGAAGCTCATCAAAGCTGCAAACAGTACAATGAATGCAATA  GAGAGCCAGAGGGCCTTATTAGCCTTTCTGATGGAGGACTTGAGATTTGTTGCCANGAA  GCTATGTCATAAACTGAAGAACATCCCCTTTGATGGGATATTTTTCTTTTCAGAAAAGAC  TTGGGCTTCTTGNCTTTCTACTGTTNCTTCTCCAGATGGCTCTGAGTCATCCTTAGTTT  TTAAGTCATTTTTCTTCTCAGCATCTGCCAGAANTAGGTGCTAATAAATCGAGGGT  ATGAAGGACAGTGTTCCTCTGCTTTGACCCCAAATACGCCAACTGCCTGACCCTCTACT  GAATCGACCATTATTTTTCATCCAGCCACCATTCTGATTTTCAAATTTCTTGGGAAA  AAAGCAATTAGCCACTCTCTAAAAAATGGCTTGAAGTTTAAAAAACCTAACGTTTTT  TATTTTGGCCCTCATCCTTCAAAGGATGAGAAACCTTCATTTTGCAGAAAACGTTC  AGTCTTCTAATCAGGGCTCTTGGCACTCCCTTAGAGTTTACGGCGAAATCCTCACCGG  TTCAACCCGGTTCGATGAGGTTCCACCCCTCCATGCCCTCC</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_006152
<b>Insert Size:</b>	2480 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<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>	<a href="#">NM_006152.2</a> , <a href="#">NP_006143.2</a>

RefSeq Size: 2826 bp

RefSeq ORF: 1500 bp

Locus ID: 4033

UniProt ID: [Q12912](#)

Cytogenetics: 12p12.1

Protein Families: Transmembrane

**Gene Summary:** The protein encode dby this gene is expressed in a developmentally regulated manner in lymphoid cell lines and tissues. The protein is localized to the cytoplasmic face of the endoplasmic reticulum. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1), as well as variants 2-13, encodes isoform a.