

## Product datasheet for **RC215226**

### Jaw1 (LRMP) (NM\_006152) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Jaw1 (LRMP) (NM_006152) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Jaw1
Synonyms:	JAW1; LRMP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC215226 representing NM\_006152  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAATGATGACCAAGTATGGAAGAGAATGGTGTGAACGCGTGTGTCCTGAGAGCCTGCTGCAGTCCA  
 GGGAAATATTCCTCACTACCATTACCCAGACACACTTCATCGACAGACGGTACTATAAATTCAAGTATCC  
 TGGATTAGAAATCTGAATATGGCTTCTTGACCTTGACAGAACTCGCTCTGAAGAAAGAGGAGGAT  
 ACAAGATCAGTTCTCCACGATAGAGGCCAAGGCACAAGTCCAGCTCATGATAATATTGCATTCCAAG  
 ACTCTACGAGTAAGGATAAAACCATATTAATCTGGAAGCCAAAGAGGAACCAGAAACAATAGAAGAACA  
 TAAAAAAGAACATGCTTCAGGAGACTCTGTGGTTTCCCTCTTCTGTAACCACTGTGAAATCGGTTAAC  
 CTTAGACAAAAGTGAACACTTCTGCTAATGAGAAGGAGTGGAGGCAGAATTTCTCAGATTATCTTTGG  
 GATTTAAGTGTGACTGGTTTACCTTGAGAAGAGAGTGAAGCTTGAAGAGAGTCCCGTGACTTGGCAGA  
 AGAAAATTTGAAGAAAGAAATCACTAAGTGTAAAACCTATTAGAGTCTTAAACACCTCTGTGTGAAGT  
 GACAACAGGCACAGGAAATCATTAAAGAAGCTGGAGAAGAGTATAAAGTTTCTTAGCCAGTGTGCAGCAC  
 GAGTGGCCAGTAGGGCTGAGATGTTGGGAGCCATCAATCAGGAAAGCCGGGTTAGTAAAGCAGTTGAAGT  
 GATGATTCAGCACGTAGAAAACCTTGAAGAGGATGTATGCCAAAGAGCACGCTGAATTAGAAGAACTGAAA  
 CAGGTTCTTCTGCAGAATGAAAGGTCTTCAATCCTCTTGAAGATGATGATGACTGCCAAATTAAGAAAC  
 GTTCAGCTTCTCTAAACTCCAAGCCATCTTCTCTACGAAGAGTACTATTGCCTCTTACCAGAAATAT  
 TGGAAATGCAGGAATGGTGGCTGGGATGGAAAAAATGATCGATTCAAGTGAAGGTAAGCAGTTGGCGT  
 ATTTTGGGGTCAAAGCAGAGTGAACACCGTCCCTCATTACCTCGATTTATTAGCACCTATTCTGGGCAG  
 ATGCTGAAGAAGAAAAATGTGAACATAAACTAAAGATGACTCAGAGCCATCTGGAGAAGAAACAGTAGA  
 AAGGACAAGGAAGCCAAGTCTTTCTGAAAAGAAAAATAATCCATCAAAGTGGGATGTCTCTCAGTTTAT  
 GACACAATAGCTTCTGGCAACAAATCTCAAGTCTCCATCAGAAAGGCTAATAAGGCCCTCTGGCTCT  
 CTATTGCATTCATTGACTGTTTGCAGCTTTGATGAGCTTCTCACAGGCCAATTATTCCAGAAGTCTGT  
 GGATGCCGCTCCACACAGCAAGAGGACTCATGGACGTCTCTAGAACATATCTTGTGGCCATTTACCAGA  
 CTCCGACACAATGGGCCACCACCAGTG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC215226 representing NM\_006152  
 Red=Cloning site Green=Tags(s)

MNDPDSMEENGVVERVCPESLLQSREYSSLPLPRHTSSTDGTTSSDPGLEILNMASCDLDRNSLCKKEED  
 TRSASPTIEAQGTSPAHDNIAFQDSTSKDKTILNLEAKEEPETIEEHKKEHASGDSVVSPLPVTTVKSVN  
 LRQSENTSANEKEVEAEFLRLSLGFKCDWFTLEKRVKLEERSDLAEENLKEITNCLKLLESPLCED  
 DNQAQEI IKKLEKSIKFLSQCAARVASRAEMLGAINQESRVSKAVEVMIQHVENLKRMYAKEHAEELEELK  
 QVLLQNERSFNPLEDDDDCQIKKRSASLNSKPSSLRRVTIASLPRNIGNAGMVAGMENNDRFSRRSSWR  
 ILGSKQSEHRPSLPRFISTYSWADAEEEKCELKTKDDSEPSGEETVERTRKPSLSEKKNPDKWDVSSVY  
 DTIASWATNLKSSIRKANKALWLSIAFIVLFAALMSFLTGQLFQKSVDAAPTQQEDSWTSLEHILWPFTR  
 LRHNGPPPV

**SGP**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV**

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk8120\\_g01.zip](https://cdn.origene.com/chromatograms/mk8120_g01.zip)

**Restriction Sites:**

Sgfl-RsrII

**Cloning Scheme:**


**ACCN:** NM\_006152

**ORF Size:** 1497 bp

**OTI Disclaimer:** 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 [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_006152.4](#)

RefSeq Size: 2885 bp

RefSeq ORF: 1500 bp

Locus ID: 4033

UniProt ID: [Q12912](#)

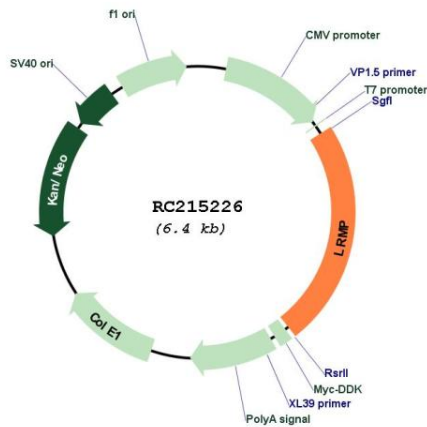
Cytogenetics: 12p12.1

Protein Families: Transmembrane

MW: 56.7 kDa

**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]

**Product images:**



Circular map for RC215226