

## Product datasheet for **SC109913**

### LIMD2 (NM\_030576) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LIMD2 (NM_030576) Human Untagged Clone
Tag:	Tag Free
Symbol:	LIMD2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC109913 sequence for NM_030576 edited (data generated by NextGen Sequencing) ATGTTCCAGGCTGCAGGAGCCGCCAGGCCACCCCTCTCATGACGCCAAAGCGGCGGC AGCAGCACGGTGCAGCGCTCCAAGTCCTTCAGCCTGCGGGCCCAGGTGAAGGAGACCTGC GCCGCCTGCCAGAAGACCGTGTACCCCATGGAGCGGCTGGTGGCCGACAAGCTCATTTTC CACAACCTTTGCTTCTGCTGCAAGCACTGTACACCAAGCTCAGCCTGGGCAGCTACGCC GCGCTGCACGGGGAGTTCTACTGCAAACCCCACTCCAGCAGCTGTTAAGAGCAAAGGC AACTACGACGAGGGGTTTGGCCGCAAGCAGCACAAGGAGCTCTGGGCCCAAGGAGGTG GACCCCGCACCAAGACGGCCTGA  Clone variation with respect to NM_030576.3



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_030576 unedited  
 TCGAATATTTGTATACGAACTCACTATAGGGCGGCCGGAATCGGCACGAGGCCGGGCTG  
 GCGGGGCCCTCCCGACTGACTTCCCCTTGACAGAACCCAGCGGGTGCCGCTTCTCCACCCG  
 AGGCTTCCACCTCCAACGAGCCATGTTCCAGGCTGCAGGAGCCGCCAGGCCACCCCTC  
 TCATGACGCCAAAGGCGCGGCAGCAGCACGGTGCAGCGCTCCAAGTCTTCAGCCTGCG  
 GGCCAGGTGAAGGAGACCTGCCCGCCTGCCAGAAGACCGTGTACCCCATGGAGCGGT  
 GGTGGCCGACAAGCTCATTTTCCACAACCTTTGCTTCTGCTGCAAGCACTGTCACACCAA  
 GCTCAGCCTGGGAGCTACGCCGCGCTGCACGGGAGTTCTACTGCAAACCCCACTTCCA  
 GCAGCTGTTTAAAGAGCAAAGGCAACTACGACGAGGGGTTTGCCGCAAGCAGCACAAGGA  
 GCTCTGGGCCACAAGGAGGTGGACCCCGCACCAAGACGGCCTGAGGCCTCTGTAACCT  
 TCCACCCCTCTGCGAAAGGCTGGAGCCGGCAGGGGGAAGTGGNAGGGAGGTCGAGC  
 TGGGCTTGCCTGGGGCCAGGTGGGAAGGGATGAGGCTTGCTCAGGCGTAGGGGACCAG  
 GGCAGGGCTCTGCTCCAGGACTCCTTCTTCTTCTTCTCCGACGGGTGAGGGGTTTG  
 GAACCAGATATTGNGGTCTGCCACCACCTGCTNTCTGCTTCTGTTAGANNCTCCCTT  
 CCACCTCACCCAGGACCNTTGTGGGAGGCCCAAGCCAGTCCCTTAACTAGGGTG  
 CCTTTTCTCCAGCAGGGAGTCAAGCATGCCCCCTCAGGGTCCAAGCTCCTCTGCCCCGG  
 AAAAATGGTGTGGCCCCACGNTCCCATCTACTTACCTTACANTGNTTGGACCCGGAAC  
 AAGNGAGAAAGAGCCCGACGGCCACCTGTGG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_030576 unedited  
 CTTGGCCGCGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTAGAGAA  
 TCTGGATCTATTGAAACATGTTTAAAACGGGTGGTCAACAGGATGGGCACAATGG  
 GAGCGGGGAGGGGAGTGGGGCCGACCCAGCCCTGCCAGTGCCTGAGGCTGCAGCCTGG  
 CGAGTGTCTTTGCTTCTGCTTCTCCACGCTGGTGGTTCGAGATGGTCCCAAGCCCACTG  
 GGCAGGCCCTGCCTTGCCCTGCAGAGGCAGGGTGGCTCCAATTCCCATCTCTCCCC  
 ATGGGCTGCAGGGGCATTTATGATGCCAACAGGTGGCACTGTCGCGCTCCTTCTCCCT  
 GTCTCCGTGGCTCAGAAACAGGTTAAGGGTAGAGGTAGATGGGGAGACGTGGGGCCACA  
 CAGTCTCCGGTGGCAGTGAAGGAGCTTGGGACCCTGAGGGGGCATGCTGACTCCTTGCT  
 GGAGAAAAGGCACCTAGATAGGGGAGCTGGGCTTGGGGCCCTCCAGGGGTCTGGGGT  
 GACGCGCCGAGCAGTCTAACCAAGACGAAGAAGCCGGCGGGCCCCCCCCATTCTG  
 GTTTCCCCCCCCCTCACGGTGGCGCTAATCCCCCACGCCAGCCTTCTCCGTCCTAAC  
 CCCCCGCTCTCCCCCTTCCCGTGATCACGCCCTCCTTCTCTGTCACCTCCCCC  
 CCGTCGTTCTCACTTTCGCCCTCCCTTCCCGCTTCCGTGCTTCCGGTTCAAAGTA  
 TCCCCCGCACACGCCGGCGGTGCGCCTATTCCTCTCTTCCCGATGTTTCCGTTCTCT  
 CTCCATCCCGTACTCTCCCGCTTCCCTCTCCCTCTTTTCTCCCCCCCCGCGGTTCC  
 CCCCCGTTCCGCTGCATCCTCTCTATTTCCGTGTCCCCATCCGCTCGCCCCGTTCC  
 CCTCCACCCGGTCCGCTCGCACTTNCACGTGCGCATCCGACTCCTCTCGCTCGTTCC  
 CATCCAGGTCATATCTACCCG

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_030576

**Insert Size:**

1290 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\\_030576.2](#), [NP\\_085053.1](#)

**RefSeq Size:** 3178 bp

**RefSeq ORF:** 384 bp

**Locus ID:** 80774

**UniProt ID:** [Q9BT23](#)

**Cytogenetics:** 17q23.3

**Gene Summary:** Acts as an activator of the protein-kinase ILK, thereby regulating cell motility (PubMed:24590809).[UniProtKB/Swiss-Prot Function]