

## Product datasheet for **SC320965**

### LYVE1 (NM\_006691) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LYVE1 (NM_006691) Human Untagged Clone
Tag:	Tag Free
Symbol:	LYVE1
Synonyms:	CRSBP-1; HAR; LYVE-1; XLKD1
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 NM\_006691.2  
 AGTGGCCATCTGAGGTGTTTTCCCTGGCTCTGAAGGGTAGGCACGATGGCCAGGTGCTTC  
 AGCCTGGTGTGCTTCTCACTTCCATCTGGACCACGAGGCTCCTGGTCCAAGGCTCTTTG  
 CGTGCAGAAGAGCTTCCATCCAGGTGTCATGCAGAATTATGGGGATCACCTTGTGAGC  
 AAAAAGGCGAACCAGCAGCTGAATTTACAGAAGCTAAGGAGGCTGTAGGCTGCTGGGA  
 CTAAGTTTGGCCGCAAGGACCAAGTTGAAACAGCCTTGAAAGCTAGCTTTGAAACTTG  
 AGCTATGGCTGGGTTGGAGATGGATTTCGTGGTCATCTCTAGGATTAGCCCAAACCCCAAG  
 TGTGGGAAAAATGGGGTGGGTGTCTGATTAGGAAGGTTCCAGTGAGCCGACAGTTTGCA  
 GCCTATTGTTACAACCTACTGATACTTGGACTAACTCGTGCATTCCAGAAATTATCACC  
 ACCAAAGATCCCATATTCAACACTCAAACCTGCAACACAAAACAACAGAATTTATTGTCAGT  
 GACAGTACCTACTCGGTGGCATCCCCTTACTCTACAATACCTGCCCTACTACTACTCT  
 CCTGCTCCAGCTTCCACTTCTATTCCACGGAGAAAAAAATGATTTGTGTCACAGAAGTT  
 TTTATGGAACACTAGCACCATGTCTACAGAACTGAACCATTTGTTGAAAATAAAGCAGCA  
 TTCAAGAAATGAAGCTGCTGGGTTTGGAGGTGTCCACCGGCTCTGCTAGTGTGCTCTC  
 CTCTTCTTTGGTGTGCTGAGCTGGTCTTGGATTTTGTCTATGTCAAAGGTATGTGAAGCC  
 TTCCCTTTTACAACAAGAAATCAGCAGAAGGAAATGATCGAAACCAAAGTAGTAAAGGAG  
 GAGAAGGCCAATGATAGCAACCCTAATGAGGAATCAAAGAAAACCTGATAAAAACCCAGAA  
 GAGTCCAAGAGTCCAAGCAAACTACCGTGCATGCGCTGGAAGCTGAAGTTTAGATGAGA  
 CAGAAATGAGGAGACACCTGAGGCTGGTTTCTTTTATGCTCCTTACCCTGCCCCAGCT  
 GGGGAAATCAAAGGGCCAAAGAACCAAGAAGAAAGTCCACCCTTGGTTCCTAACTGGA  
 ATCAGCTCAGGACTGCCATTGGACTATGGAGTGCACCAAGAGAATGCCCTTCTCCTTAT  
 TGTAACCTGTCTGGATCCTATCCTCCTACCTCAAAGCTTCCCACGGCCTTTCTAGCCT  
 GGCTATGTCCTAATAATATCCCCTGGGAGAAAGGAGTTTTGCAAAGTGAAGGACCTAA  
 AACATCTCATCAGTATCCAGTGGTAAAAAGGCCTCCTGGCTGTCTGAGGCTAGGTGGGT  
 GAAAGCCAAGGAGTCACTGAGACCAAGGCTTTCTCTACTGATTCCGCAGCTCAGACCCTT  
 TCTTCAGCTCTGAAAGAGAAACACGTATCCCACCTGACATGTCCTTCTGAGCCCGGTAAG  
 AGCAAAAGAAATGGCAGAAAAGTTTAGCCCTGAAAGCCATGGAGATTCTCATAACTTGAG  
 ACCTAATCTCTGTAAAGCTAAAATAAAGAAATAGAACAAGGCTGAGGATACGACAGTACA  
 CTGTCAGCAGGGACTGTAACACAGACAGGGTCAAAGTGTCTTCTGAAACACTGAGT  
 TGGAACTACTGTTTGAACACACACACTTACTTTTTCTGGTCTCTACCACTGCTGATATT  
 TTCTCTAGGAAATATACTTTTACAAGTAACAAAAATAAAAACCTTATAAATTTCTATTT  
 TTATCTGAGTTACAGAAGTGATTACTAAGGAAGATTACTCAGTAATTTGTTTAAAAAGTA  
 ATAAAATTCAACAACATTTGCTGAATAGCTACTATATGTCAAGTGTGTGCAAGGTATT  
 ACACTCTGTAATTGAATATTATTCCTCAAAAAATTGCACATAGTAGAACGCTATCTGGGA  
 AGCTGTTTTTTTTCAGTTTTGATTTTTCTAGCTTATCTACTTCCAAACTAATTTTTGTTTT  
 TACTGAGACTAATCTTATTCATTTTCTCTAATATGGCAACCATTATAACCTTAATTTATT  
 ATTAACATACCTAAGAAGTACATTGTTACCTCTATATACCAAAGCACATTTTAAAAGTGC  
 CATTAAACAATGTACTACTAGCCCTCCTTTTTCCAACAAGAAGGGACTGAGAGATGCAGA  
 AATATTTGTGACAAAAAATTAAGCATTAGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 AA

**Restriction Sites:** Please inquire

**ACCN:** NM\_006691

**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).

<b>OTI Annotation:</b>	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.
<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_006691.2</a> , <a href="#">NP_006682.2</a>
<b>RefSeq Size:</b>	2436 bp
<b>RefSeq ORF:</b>	969 bp
<b>Locus ID:</b>	10894
<b>UniProt ID:</b>	<a href="#">Q9Y5Y7</a>
<b>Cytogenetics:</b>	11p15.4
<b>Domains:</b>	Xlink
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	This gene encodes a type I integral membrane glycoprotein. The encoded protein acts as a receptor and binds to both soluble and immobilized hyaluronan. This protein may function in lymphatic hyaluronan transport and have a role in tumor metastasis. [provided by RefSeq, Jul 2008]