

## Product datasheet for **SC310145**

### EPB41L5 (NM\_020909) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	EPB41L5 (NM_020909) Human Untagged Clone
Tag:	Tag Free
Symbol:	EPB41L5
Synonyms:	BE37; LULU; LULU1; YMO1; YRT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >SC310145 representing NM\_020909.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCTGAGTTTCTCCGTAGAACACTAGGGCGTCGGTCTATGCGTAAACATGCAGAGAAGGAACGACTC
CGAGAAGCACAACGCGCCGCCACACATATTCTGCAGCTGGAGATTCTAAGTCCATCATCAGTGTCCGG
GTGTCCCTTCTGGATGGTACTGATGTTAGTGTGGACTTGCCAAAAAAGCCAAAGGACAAGATTGTTT
GATCAGATTATGTACCACCTGGACCTGATTGAAAGCGACTATTTTGGTCTGAGATTTATGGATTCAGCA
CAAGTAGCACATTGGTTGGATGGTACAAAAAGCATCAAAAAGCAAGTAAAAATTGGTTCCACCCTATTGT
CTGCATCTTCGAGTTAAGTTTTATTCTCAGAACCAAATAACCTTCGTGAGGAGCTAACCCGGTATTTA
TTTGTCTTCAGTTAAACAAGATATTCTCAGTGGAAAATTAGACTGTCCCTTTGATACAGCAGTGCAA
TTGGCAGCTTATAATCTGCAAGCTGAACTTGGTGACTATGATCTTGCTGAGCATAGTCTGAACTTGTC
TCAGAGTTCAGATTCGTGCCTATTCAGACTGAAGAGATGGAACTGGCTATTTTTGAGAAATGGAAGGAA
TACAGAGGTCAAACACCAGCACAGGCTGAAACCAATTATCTGAATAAAGCCAAATGGCTAGAAATGTAT
GGGGTTGATATGCATGTGGTCAAGGCTAGAGATGGGAATGACTATAGTTGGGACTAACCCAACAGGA
GTCCCTGTTTTGAAGGAGATACCAAAATTGGCTTATTTTTTGGCCGAAGATAACCAGATTGGATTTT
AAGAAGAATAAATTAACCTTGGTGGTGTAGAAGATGATGATCAGGGCAAAGAACAGGAACATACATTT
GTCTTTAGACTGGATCATCCAAAAGCATGCAAACATTTATGGAATGTGCTGTGGAGCATCATGCTTTC
TTCCGCCTTCGAGGCCCGTCCAAAAGATTCTCATCGATCAGGATTTATTCGACTAGGATCACGATTT
AGATATAGTGGGAAAACAGAGTATCAGACCACAAAACCAATAAAGCAAGAAGATCAACATCCTTTGAA
AGAAGGCCAGCAAACGATATTCTAGACGAACTCTACAAATGAAAGCATGTGCTACAAAACCTGAAGAA
CTTAGTTCACAATAATGTTTCGACCCAAAGTAATGGCTCCCAACAGGCTTGGGGATGAGATCTGCT
CTGCCTGTGAGTCTTCCATTTCTCTGCTCCTGTGCCAGTGGAGATAGAGAATCTTCCACAGAGTCTT
GGAACAGACCAGCATGACAGGAAATGCATTCTCTGAATATTGATTTGCTGAATAGCCCAGACTTATTG
GAAGCAACGATTGGTGTGTAATTGGGGCATCTGACACTATGGAACATCCCAAGCACTGAATGACGTT
AATGTAGCCACCAGGCTTCCGGATTAGGGGAACCTGAAGTTGAATATGAGACATTAAGACACCTCA
GAGAAGCTCAAACAGCTTGAGATGGAGAACAGTCTTTGCTGTCCCCTCGATCCAACATCGATGTTAAC
ATAAACAGCCAGGAGGAAGTGGTGAAGTTGACTGAGAAATGCCTTAATAATGTCATTGAGAGCCAGGA
TTGAATGTCATGAGAGTCTCCTGACTCAAGAGTAACATTTTGAAGGCTCAAGTAGAAGCAGTGCAT
AAGGTTACAAAAGAAGATAGCTTATTAAGTCATAAAAATGCCAATGTTCCAGGATGCTGCCACAAACAGT
GCTGTGTTAAATGAGAATAATGTGCCCTCCCAAGAGTCTCTTGAGACTCTGATGCTTATCACACCT
GCCGACAGTGGTTCTGTTCTAAAGGAAGCTACAGATGAATTGGATGCCTTCTTGCATCTCTAACTGAG
AATCTAATTGATCACACAGTTGCACCTCAGGTGCTTCCACATCCATGATCACACCCCGGTGGATTGTT
CCGAGAGTGGTGCCATGTCTAATGGACTTGCGGGATGTGAAATGCTTTTGACAGGGAAGGAGGGACAT
GGTAATAAAGATGGAATCTCACTGATCTCTCCCCAGCGCCATTCTTGGTAGATGCTGTGACCAGCTCT
GGTCCCATTTTGGCAGAAGAAGCTGTCTGAAGCAGAAGTGTCTACTGACCACTGAGCTCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_020909

**Insert Size:** 2202 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).

<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_020909.3</a>
<b>RefSeq Size:</b>	6621 bp
<b>RefSeq ORF:</b>	2202 bp
<b>Locus ID:</b>	57669
<b>UniProt ID:</b>	<a href="#">Q9HCM4</a>
<b>Cytogenetics:</b>	2q14.2
<b>Domains:</b>	B41
<b>MW:</b>	81.9 kDa
<b>Gene Summary:</b>	<p>May contribute to the correct positioning of tight junctions during the establishment of polarity in epithelial cells.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>