

Product datasheet for **SC328834**

EPB41L5 (NM_001184939) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EPB41L5 (NM_001184939) Human Untagged Clone
Tag:	Tag Free
Symbol:	EPB41L5
Synonyms:	BE37; LULU; LULU1; YMO1; YRT
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	<p>>NCBI ORF sequence for NM_001184939, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGCTGAGTTTCTCCGTAGAACACTAGGGCGTCGGTCTATGCGTAAACATGCAGAGAAG GAACGACTCCGAGAAGCACAACGCGCCGCCACACATATTCCTGCAGCTGGAGATTCTAAG TCCATCATCACGTGTCGGGTGTCCTTCTGGATGGTACTGATGTTAGTGTGGACTTGCCA AAAAAGCCAAAGGACAAGAGTTGTTTGATCAGATTATGTACCACCTGGACCTGATTGAA AGCGACTATTTTGGTCTGAGATTTATGGATTGAGCACAAGTAGCACATTGGTTGGATGGT ACAAAAAGCATCAAAAAGCAAGTAAAAATTGGTTCACCCTATTGTCTGCATCTTCGAGTT AAGTTTTATTCTCAGAACCAAATAACCTTCGTGAGGAGCTAACCCGGTATTTATTTGTT CTTCAGTTAAACAAGATATTCTCAGTGGAAAATTAGACTGTCCCTTTGATACAGCAGTG CAATTGGCAGCTTATAATCTGCAAGCTGAACTTGGTGACTATGATCTTGCTGAGCATAGT CCTGAACCTGTCTCAGAGTTCAGATTCGTGCCTATTCAGACTGAAGAGATGGAACCTGGCT ATTTTTGAGAAAATGGAAGGAATACAGAGGTCAAACACCAGCACAGGCTGAAACCAATTAT CTGAATAAAGCCAAATGGCTAGAAATGTATGGGGTTGATATGCATGTGGTCAAGGCTAGA GATGGGAATGACTATAGTTTGGGACTAACACCAACAGGAGTCCTTGTGTTTGAAGGAGAT ACCAAAATTTGGCTATTTTTTTGGCCGAAGATAACCAGATTGGATTTTAAAGAAGAATAAA TTAACCTTGGTGGTTGTAGAAGATGATGATCAGGGCAAAGAACAGGAACATACATTTGTC TTTAGACTGGATCATCCAAAAGCATGCAAAACATTTATGGAAAATGTGCTGTGGAGCATCAT GCTTTCTTCCGCCTTCGAGGCCCGTCCAAAAGAGTTCTCATCGATCAGGATTTATTTCGA CTAGGATCACGATTTAGATATAGTGGGAAAACAGAGTATCAGACCACAAAAACCAATAAA GCAAGAAGATCAACATCCTTTGAAAGAAGGCCAGCAAACGATATTCTAGACGAACCTA CAAATGAAAGCATGTGCTACAAAACCTGAAGAACCTAGTGTTACAATAATGTTTCGACC AAAAGTAATGGCTCCCAACAGGCTTGGGGGATGAGATCTGCTCTGCCTGTGAGTCCTCC ATTTCTCTGCTCCTGTGCCAGTGGAGATAGAGAATCTTCCACAGAGCTCTGGAACAGAC CAGCATGACAGGAAATGGCTCTCTGCTGCCAGCGACTGCTGTCAACGTGGTGGAAACCAG TGGAACACAAGGGCCTTGCCCCACCCAGACCGCACATAGAAACTACTGACTTTGTT CATGAGCACAATGTGAAGAATGCAGGAATCCGTCATGATGTTTCTTTCTGGCCATACA GCCATGACTGAGATATGA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001184939
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).
OTI Annotation:	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.
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_001184939.1](#), [NP_001171868.1](#)

RefSeq Size: 4385 bp

RefSeq ORF: 1518 bp

Locus ID: 57669

UniProt ID: [Q9HCM4](#)

Cytogenetics: 2q14.2

Gene Summary: May contribute to the correct positioning of tight junctions during the establishment of polarity in epithelial cells.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) differs in the 5' UTR and uses an alternate exon in the 3' coding region, compared to variant 1. The resulting protein (isoform 3) has a shorter, distinct C-terminus compared to isoform 1. Variants 3 and 4 encode the same isoform (3).
Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.