

Product datasheet for **SC310050**

LARP2 (LARP1B) (NM_018078) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LARP2 (LARP1B) (NM_018078) Human Untagged Clone
Tag:	Tag Free
Symbol:	LARP2
Synonyms:	LARP2
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_018078, the custom clone sequence may differ by one or more nucleotides

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ATGGAGAATTGGCCAACCAAGTGAATTAGTGAACACTGGATTCAGAGCGTCCTCAGC
CAAGGAAATAAAAAGCCACAAAATAGAAAAAGAAAAGAAGAGAAGGTTGAAAAGAGAAGT
AACAGTGACAGCAAAGAAAACCGGGAACAAAATTAATGGTCTGGTGAACACGTCAGT
GAGGATGAGGCTCAGTCAAGTAATCAACGTAAGAGAGCTAATAAGCACAAGTGGGTACCA
CTCCACTTAGATGTTGTAAGATCAGAGAGTCAAGAAAAGACCTGGATCCCGGAACAGCTCA
AGATGTCAACCTGAAGCAAATAAACCAACACATAACAATAGGAGAAATGATACACGAAAT
TGGAAGCGAGATAGAGAAAAAGGGATGATCAAGATGACGTTTCCAGTGTGAGAAGTGAG
GGTGGTAAATATCCGAGGTTCTTTAGAGGTCGAGGAAGAGGCCGAGGACGGGAAGAGGA
CGAGGCAGAGGAAATCCTCGATTGAACCTTTGATTATTCATATGGTTATCAAGAACATGGT
GAAAGGACTGATCAACCTTTCAAACAGAACTTAATACCAGTATGATGTATTACTATGAT
GATGGTACAGGTGTACAGGTGTATCCTGTGGAAGAAGCATTGCTTAAAGAGTATATTAAG
CGTCAAATGGAATATTACTTCAGTGTAGAAAATTTGGAACGAGACTTCTTTCTCGGGGA
AAGATGGATGAACAAGGTTTCTGCCTATTTCCCTGATTGCTGGTTTTCCAGCGTGTTCAG
GCTCTACTACAACCTTAATCTCATCTTAGAGGCACTGAAGGATAGCACAGAAGTAGAA
ATTGTGGATGAGAAAATGAGAAAAAGATAGAACCAGAAAAATGGCCAATTCCAGGCCCT
CCTCCACGCAGTGTGCCCAACAGACTTCTCTCAACTGATTGATTGTCCAGAGTTTGTA
CCAGGCCAAGCCTTTTGCTCACATACAGAGTCTGCCCAAATTTCCAAGAATTGGAAGC
CCATTGAGCCCAAAGAAAACAGTGAACAAGTATTCTTCAAGCAATGTCTAGAGGTTTG
TCTACCAGTTTGCTGACTTGGACTCAGAACCTTGATAGAAGTTAAAAAAGACATCAG
CCAGCCCCAGTGAATTTAGGGAATCAGTGTCTGTCCCTGAAGGGTCATTAATCAGCTA
GTTCTTCAGAAGAACCAGAACAAGAAGAACTTGATTTTTTTGTTTGATGAAGAGATTGAA
CAAATAGGACGAAAAAACACATTTACTGATTGGTCTGATATGATTCAGATTATGAAAT
GATGACCAAGACTTAAACAAGATTTTGATTGTAACCTCAGACACCCTTATGTGAAAAA
CATCCTGGAGGAGATCGAACAGGCACCCACATGTCTCGGGCAAAAATCACATCTGAACTT
GCTAAAGTTATCAATGATGGCTTATACTATTATGAACAGGATCTATGGATGGAAGAAGAT
GAAAACAAACACACAGCCATAAAGCAAGAAGTTGAGAACTTTAAAGAGCTAAATCTCATT
AGTAAAGAGCAGTTTAAAAACCTAACACCTGAACCTTCTTTTGGCCAAACCAAGAAGT
CCTGTAGCACCTTACAGTCCAGGCAAGGAGGTTCAGGAGTCTTACATTTCCCAAG
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GCAATGGTTCATTGCTTGCCTACAGCAGTTCAGAAATCTCTAGAAATTCATCCTACAAGA
ACACCCAAAACACCTCGAACACCTAGGTTACAAGATCCTAACAAAAACCAAGATTTTAT
CCTGTTGTTAAAGAACCAAAAAGCCATTGATGTAAGAGTCCAAGAAAGAGAAAAACAAGG
CATAGCACAAATCCCCCTCTAGAGTGTGATGTTGGTTGGGTAATGGATTCCAGAGACCGT
GGGCCAGGAACATCCTCTGTGACACTTCAAATGCTTACCTTCCAGAAAGGCGCACCACTA
GCAGGAAGTTATGGATGTACTCCTCATTTCATTTCCAAAGTTCCAGCATCCTTCTCATGAA
CTTTTGAAGGAAAATGGCTTTACCCAACAAGTGTACCACAAGTATCGTCGAAGATGCCTA
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TGGTCTTTTTTCCCTCAGAGATCACTTCAATAAAAAAATGATGAGGAATTTAGACAACTT
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TATTCTCAATCTAAGACACAGTCTATTGACCCAAAACCTCAGGAATACCTCTGTAGTTTT
AAGAGGTTAGAAGACTTCCGTGTTGATCCCCCTATTAGTGTGAAATTTGGAAGAAAAAGA
CATTCTCTACTTCTGGTGAGGAGAGTAATCGTCATAGACTTCCACCTAATTCCTCTACA
AAGCCACCAAATGCTGCTAAACCTACATCTACCAGTGAGCTTCCAGTACCAATAAACTCT
CCCAGAAGGAATATTTACCCGGAGTCCAGTGACAATTCACATTA

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Restriction Sites: Please inquire

ACCN: NM_018078

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:	<ol style="list-style-type: none"> 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:	<u>NM_018078.2</u> , <u>NP_060548.2</u>
RefSeq Size:	3979 bp
RefSeq ORF:	2745 bp
Locus ID:	55132
UniProt ID:	<u>Q659C4</u>
Cytogenetics:	4q28.2
Domains:	LA
Gene Summary:	<p>This gene encodes a protein containing domains found in the La related protein of <i>Drosophila melanogaster</i>. La motif-containing proteins are thought to be RNA-binding proteins, where the La motif and adjacent amino acids fold into an RNA recognition motif. The La motif is also found in proteins unrelated to the La protein. Alternative splicing has been observed at this locus and multiple variants, encoding distinct isoforms, are described. Additional splice variation has been identified but the full-length nature of these transcripts has not been determined. [provided by RefSeq, Jun 2013]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>