

## Product datasheet for **SC314545**

### LARP4 (NM\_052879) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LARP4 (NM_052879) Human Untagged Clone
Tag:	Tag Free
Symbol:	LARP4
Synonyms:	PP13296
Vector:	<u>pCMV6 series</u>



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_052879, the custom clone sequence may differ by one or more nucleotides

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ATGTTGCTTTTCGTGGAGCAGGTAGCATCTAAAGGAACTGGTTTAAATCCTAATGCCAAA
GTATGGCAAGAAATTGCTCCTGGAAATACTGATGCCACCCAGTAACTCATGGAAGTAA
AGCTCTTGGCATGAAATAGCAGCTACATCAGGTGCTCATCCTGAGGGTAAATGCAGAGCTC
TCAGAAGATATATGTAAGAATATGAAGTAATGTATTCTTCATCTTGTGAAACCACAAGA
AATACTACAGGCATTGAAGAATCAACTGATGGGATGATTTTAGGACCAGAAGATCTGAGT
TACCAAATATATGATGTTTCCGGAGAAAGCAATTCAGCAGTTTCTACAGAAGACCTAAAA
GAATGTCTGAAGAAACAATTAGAATTCTGTTTTTACGAGAAAATTTGTCAAAGGATCTT
TACTTGATATCTCAAATGGATAGTGATCAGTTCATCCCAATTTGGACAGTTGCCAACATG
GAAGAAAATAAAAAAGTTGACTACAGACCCTGATCTAATCTTGAAGTGTTAAGATCTTCT
CCCATGGTACAAGTTGATGAGAAGGGTGAGAAAGTGAGACCAAGTCATAAGCGTTGTATT
GTAATCTTAGAGAGATTCTGAAACAACACCAATAGAGGAAGTAAAGGTTTGTTCAAA
AGTGAAAAGTGCCTCAAGTATAAGCTGTGAGTTGCACACAATAGCAACTGGTATATC
ACTTCCAGTCAGACACAGATGCACAACAGGCTTTTAAATACTTAAAGAGAAGAAGTTAAA
ACATTTACAGGGCAAGCCAATTATGGTAAGGATAAAAGCCATCAATACATTTTTTGTCTAAG
AATGGTTATCGATTAATGGATTCTAGTATCTATAGTCACCCCATCAAACCAAGCACAG
TATGCCTCCCAAGTCTTTATGCAGCCTGTATATAATCCTCACCAACAGTACTCGGTCTAT
AGTATTGTGCCTCAGTCTTGGTCTCCAAATCCTACACCTTACTTTGAAACACCACTGGCT
CCCTTCCCAATGGTAGTTTTGTGAATGGCTTTAATTCGCAGGATCTTATAAAACAAAT
GCTGCTGCTATGAATATGGGTCGACCATCCAAAAATCGTGTGAAGCCTCAGTTTAGG
TCATCTGGTGGTTCAGAACACTCAACAGAGGGCTCTGTATCCTTGGGGGATGGACAGTTG
AACAGATATAGTTCAAGAACTTTCCAGCTGAACGGCATAACCCACAGTAACTGGGCAT
CAGGAGCAAACCTTACCTTCAGAAGGAGACTTCCACTTTGCAGGTGGAACAGAATGGGGAC
TATGGTAGGGGCAGGAGAACTCTCTTCAGAGGTGAAAGACGACGAGAAGATGACAGGATC
TCAAGACCTCATCCTTCAACAGCTGAATCAAAGGCTCCAACACCAAAGTTTGACTTATTA
GCCTCAAATTTCCACCTTACCTGGAAGTTCATCAAGAATGCCAGGTGAACTCGTTTTG
GAGAATAGGATGTCTGATGTTGTTAAAGGTGTCTACAAAGAAAAGGATAATGAAGAGTTG
ACAATTAGTTGCCAGTGCCTGCAGATGAGCAGACAGAATGCCTTCTGCCAGCAACTC
AATATGAGTACCAGTTCTCCATGTGCTGCTGAGCTTACTGCATTAAGCACAACTCAGCAA
GAAAAGGATCTAATAGAAGATTCTCTGTTCAGAAGGATGGTCTCAATCAGACAATA
CCAGTTTCTCCTCAAGTACTACAAAGCCATCGAGGGCAAGTACTGCTTACCATGTAAT
AATAACATAAATGCAGCTACAGCTGTGGCTCTACAGGAACCCGAAAGTTAAGTTATGCT
GAAGTGTGCCAGAAGCCCTAAAGAGCCATCTCAGTCTTGTGCAGCCACTACGGGAA
CTTCGCTCCAATGTGGTGTCTCCACCAAAAAATGAAGACAATGGAGCTCCTGAGAACTCC
GTTGAGAAACCATGAGAAGCCAGAAGCAAGGCTAGTAAGGATTATCTGGCTTCCGA
GGCAATAAATCCCAGGGGAGCAGCAGGAAAAATCAGGGAACAGAGACGCCAGTTTAGC
CATAGGGCTATACCTCAGGGAGTGACTCGACGTAATGGCAAAGAGCAATATGTGCCACCC
AGATCACCAAAG
    
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**Restriction Sites:** Please inquire

**ACCN:** NM\_052879

**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.

<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>	<u><a href="#">NM_052879.3</a></u> , <u><a href="#">NP_443111.3</a></u>
<b>RefSeq Size:</b>	6478 bp
<b>RefSeq ORF:</b>	2175 bp
<b>Locus ID:</b>	113251
<b>UniProt ID:</b>	<u><a href="#">Q71RC2</a></u>
<b>Cytogenetics:</b>	12q13.12
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	RNA binding protein that binds to the poly-A tract of mRNA molecules (PubMed:21098120). Associates with the 40S ribosomal subunit and with polysomes (PubMed:21098120). Plays a role in the regulation of mRNA translation (PubMed:21098120). Plays a role in the regulation of cell morphology and cytoskeletal organization (PubMed:21834987, PubMed:27615744). [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes isoform a.