

## Product datasheet for **SC126590**

### LARP7 (AK000274) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LARP7 (AK000274) Human Untagged Clone
Tag:	Tag Free
Symbol:	LARP7
Synonyms:	ALAZS; HDCMA18P; PIP7S
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for AK000274, the custom clone sequence may differ by one or more nucleotides

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AAAAAGTAACCGAGACTATCAGGATCCGGAGACGGAAATGTCCGAAGGCCGAGTACTTGACCCGTGATT
TTGGGAGTCGAACGAGAATGGAACTGAAAGTGGAAATCAGGAAAAGGTAAATGGAAGAAGAAAGCACTG
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AAAAATAAGCCCATTCCAGCCTTAAGAGTTGTGGAAGAGAAGAAAAGAAAAGAAGAAGAAAGGCCGAA
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GAAAAGATCCAGACCCACATCTGAGGGCTCTGACATTGAGTCCACTGAACCCCAAAGCAGTGCTCAAAG
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GATTCACTTTTATTATGGTAGCCTGCATAATTAATGTGTTTTTAATTAAGAAAATATCTTTGTTCTCTCA
ACTTGTAAATAAGACTTTTTTCTAGAGACAATATGATGTATACCACATTTTTCTTAACATTTTTATTGTT
TGAAATTAATCTTAGATGTCAGTGTGAGGTGATTTAGTAAATAAATGTGTTTTGAACATTAATAAAAAAAA
AAAAAAA
    
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**Restriction Sites:** NotI-NotI

**ACCN:** AK000274

**OTI Disclaimer:** The sequence of an 'OriGene Unique Variant' differs significantly from the associated reference. It represents a novel splice variant from the same gene locus of the reference. Although such variants are true transcripts and present opportunity for discoveries, they are not yet curated by NCBI and should not be used if the exact reference accession sequence is required.

<b>OTI Annotation:</b>	This TrueClone was found to represent an alternative form of the specific reference to which it is associated. Its Open Reading Frame (ORF) may represent a novel form or alternative splice variant. By virtue of it being a true transcript (cDNA clone not PCR product), it provides a biologically relevant copy of its mRNA template. For more details, please evaluate the sequence information provided on this website or contact our customer care specialists.
<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="#">AK000274.1</a>
<b>RefSeq Size:</b>	2108 bp
<b>RefSeq ORF:</b>	2108 bp
<b>Locus ID:</b>	51574
<b>Cytogenetics:</b>	4q25
<b>Domains:</b>	RRM, LA
<b>Gene Summary:</b>	This gene encodes a protein which is found in the 7SK snRNP (small nuclear ribonucleoprotein). This snRNP complex inhibits a cyclin-dependent kinase, positive transcription elongation factor b, which is required for paused RNA polymerase II at a promoter to begin transcription elongation. A pseudogene of this gene is located on chromosome 3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2012]