

Product datasheet for SC105982

LARP7 (BC006981) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | LARP7 (BC006981) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | LARP7 |
| Synonyms: | DKFZp564K112; HDCMA18P; La-related protein 7; La ribonucleoprotein domain family, member 7; MGC104360; P-TEFb-interaction protein for 7SK stability; PIP7S |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >NCBI ORF sequence for BC006981, the custom clone sequence may differ by one or more nucleotides |

ATGGAAGCTGAAAGTGGAAATCAGGAAAAGGTAATGGAAGAAGAAAGCACTGAAAAGAAAAAGAAGTTG
 AAAAAAAGAAACGGTCACGAGTTAA

5' Read Nucleotide Sequence:

>OriGene 5' read for BC006981 unedited
 ACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGTCGCAGATTGGAGCTGAGCTGT
 GGCTGCCAGAAGATAGCGAACGAATGGAAGTGGAAATCAGGAAAAGGTAATGG
 AAGAAGAAAGCACTGAAAAGAAAAAGAAGTTGAAAAAAGAAACGGTCACGAGTTAAAC
 AGGTGCTTGCAGATATTGCTAAGCAAGTGGACTTCTGGTTTGGGGATGCAAATCTTCACA
 AGGATAGATTTCTTCGAGAACAGATAGAAAAATCTAGAGATGGATATGTTGATATATCAC
 TACTTGTGTCTTTTAACAAAATGAAAAATTGACTACTGATGGGAAGTTAATTGCCAGAG
 CATTGAGAAGTTCAGCTGTTGTAGAGCTTGATTGGAAGGCACCAGAATCCGGAGGAAAA
 AACCTCTGGGGGAAAGACCAAGGATGAGGATGAACGCACAGTGTATGTGGAGTTACTTC
 CCAAAAATGTTAATCACAGCTGGATTGAAAGAGTATTTGGGAAATGTGGCAATGTTGTTT
 ATATAAGTATACCACATTATAAGTCTACTGGAGATCCAAAGGGATNTGCGTTTGTGGAAT
 NTGAAACANAAGAACAGCAGCANAAAGCATTGAGTTTCTTTAACCCACCAGAAGAAGC
 ACCCAGAAAACCTGGCATATTTCTAAAACAGTGAAAAATAGCCATTCCAGCCTTAA
 AGAGTGTGGGNGAGAGANAAGAAAGAAAGAAAGGCCGANNNTGAAAGGGAGACATA
 TCCAGCCAAGAAGAAACATGGACACAGCACACCNCTCAGTAAATGAAAAGACCCGACCC
 ACATCTGAGGCTCTGACATTGAGTCACCTGACCCNAAAGCANGCTCNAAGAAAGAAAAAC
 GGCAGAGNTGAGCATCTACTACCTGAATCNACAGGGAGAGGAGAGCACTCTGAGAGC
 AAATCCCTACTCCGATCAAGTAAGAAAT


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|-------------------------------|---|
| Restriction Sites: | NotI-NotI |
| ACCN: | BC006981 |
| Insert Size: | 2680 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). |
| 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: | BC006981.1 , AAH06981.1 |
| RefSeq Size: | 1156 bp |
| RefSeq ORF: | 96 bp |
| Locus ID: | 51574 |
| Cytogenetics: | 4q25 |
| Gene Summary: | 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] |