

Product datasheet for **SC102323**

LOC400627 (AK097131) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LOC400627 (AK097131) Human Untagged Clone
Tag:	Tag Free
Symbol:	LOC400627
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK097131, the custom clone sequence may differ by one or more nucleotides

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TTAAGAAAGGCAATGAATCATGTGCCACAAGAATCTTGGGAGAACCCACGAGCTTGGGAGCTGGTGACAG
ACCCCATTCGGAGCGCTCTCTGCACAGCTACACAGCGACCCCGCCCGCTGCCATCAGGACGGCTC
TGCAGCTGCAAAGGGCGAGTGTGGTTCCCAAGGCAGGGCCAGCTCCATGGTTCTCTCGCCTCACTC
TCCTCCGTGAGCCTCAGGGACCCGGTGGCCACAGCACCCCTCAGTTCTCCCAGAGTTGCTGTTCCACCT
CTGGCTGTGAGGTAGGTGGCATGGCAGAGGGGGCTGGCCTGGGATGTGGGATCCTGCTGTGAGCGGCACC
AGTGGGGTTTGTGATGCTGACACTGATGACAGAGGTGAACTCATGGTCCCCGGCCCTGGGGAGCAGAGA
CCCCCTCCAGGCAGCAGGGCAGGGTAGGTGCATCCAGCACCCCTCCATGGTCGCAGCCCTCCACCAGGTG
GCAGGTCACGCCATGCCTTCTGTCTCACAGTGGTGTGGCGGGGCTGGGTGTGTAACCTCTCGTCTGT
GTTCCGTGGACTGTGCTGGTGCACACAACAGCGGATGGAGCCTCAGAGCCCCAGGAGCCCTGTGGCT
GCTCTGTCTCTGGACGGCAGGGCCAGCGCAGGGACTGTGGAGCTCAGGAGGAGGGACCCTCTAGCTCA
TTATGTAGAGGAGCGGCAGTCAGGCGGACGGGTGGGCACCGGAGGGAGGATGGGATGGGCAGGGAAGC
CGCCGCAACAGCTGCAGTGAGGTTCTTTCCCAAGGTGGAGGAGGGGAAGGACAGGCAGGGCCCATGTGG
TTGGGCTCTTCTCTCCAGCTCAGGAGCCACCAGGACATGGCCTCAGCTGGGTGGCACCAGGTGAC
CAGGCCAGCTCAGGGTCTGCTCTCTCTGATGGTCCAGGCGGGTACCATGCAGCCCTGGGGCTTGACAT
CGGCTGAGCTGTGGCAAAGAGCTGTGTTCTTCCAGCTCCAAGCCCTGTGGCACC CGCAGTTGTGAAGT
CCTCAGGTGACCTCGGACAGTGTCCATTGGGTGCTTCCCTGGTGCCAGTGTGTTCTGGAAGCTTCTGTG
GTCTTGTGGTGTGCTCACAGCACTCATGCCTGCAGTAACTGTCCCACATTAAGTGAGGGACAGGCTGG
GGCTTGGAGGTGCCATGGTGGCGCCAGTGTCCCAGGGCCACCAAGCAAACCACCGTGGGCCCGGCAGCCT
GAGCGGCAGGCCTGTATTCCTCTCCACCCGCCCTGTCTGGAGGCTGGACTTGGAGACAGAGGGCCCTCT
TGGCTATCTTCTCCGGGACCACTCTCCCTGGCAGGAGCCCGCCTGGCACAGCTGCGTGAGTGCCGGGCG
TCCTTGCCTGAAACAACTGCAATTCAGCGGGGATTCCAGGATCCATGGCAACTGCTCGTGCCCTGTG
TTCGGGCCAGCTGGGGCTTGGGAGCAGCTGCTGTGTCATGGGGATCCACTTGTTTACCGACAGCCCC
AAGGACCCGGACATGGTGCCAGCTTCCATGCCTTGGCCCTGAGATCTGGGAGGCCCATCGCGCCGGTG
CTTCCCCAACCCACTGAGCATCTCTTCCCGCCCTGTGTCCACCCACCTCTGCCAAGACCCCTGAG
TGTTCTGGGGCTCTACCTGGTGGGATGCTTTGGCTTGTAGACAGGGGTGGTTGGCAGCATAGTGTTC
CCTATCGATGTCCACATCCTAGTGGGAGCCTGTGACTACCTGGCTCGGGGGATCCAGGTTGCAGATGAAA
TAAGGTTGGATCAGCTGACTTTAACTAGGGTGGTGACCTGGAGCATCCCGGGGGCCAGTGTGATCA
CAAGGTCCTTAAAAGTGGAGGAGGGGCCAGCGTGGGGCTCACGCCTGCAATCCCAGAGCTTTGGGAAGCC
GAGGCAGCAGGATCCCCTGAATCCAGGAGTTCCAGGCCAGCCTGGGCAACAAAGTGAAGCCGAGTCTTCA
AAGCCAGCCTGAGCCACATAGTGAGACTGAGTCTGTCTACAAAAAGTAAACAAAAATCAGCCG
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AK097131 unedited</p> <pre>AATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGCCTCGTGCCGAATTCGGCAC GAGGCGAGCTTGGGAGCTGGTGACAGACCCCAATTCGGAGCGCTCTGACACAGCTACAC AGCGACCCCGCCCCGCCTGCCATCAGGACGGCTCTGCAGCTGCAAAGGGCGAGTGCTT GGTTCCCAAGGCAGGGCCAGCTCCATGGTTCTCCTCGCTCACTCTCCTCCGTGAGCCT CAGGGACCCGGTGGCCACAGCACCTCAGTTCTCCCAGAGTTGCTGTTCCCACTTGG CTGTGAGGAGCCCGCTGGCACAGCTGCGTGAGTGCCGGGCGTCTTGCCTGAAACAAC TGCAATTCAGCGGGATTCCAGGATTCCATGGCAACTGCTCGTGCCCTGTGTTCCGGCC CCGGCTGGGGCTTGGGAGCAGCTGCTGTGTCATGGGGATCCACTTGTTTACCGACAGCC CCAAGGACCCGGACATGGTGCCAGCTTCCCATGCCTTGGCCCTGAGATCTGGGAGGCCCA TCGCGGCCGGTGCTTCCCCAACCCCACTGAGCATCTCCTTCCCGCCCTGTGTCACCCA CCTCCTGCCAAGACCCCTGAGTGTTCTGGGGCTACCTGGTGGGATGCTCTTTGGCTT GTAGACAGGGGTGGTTGGCAGCATAGTGTCCCTATCGATGTCCACATCCTAGTGGGAG CCTGTGACTACCTGGCTCGGGGATCCAGGTTGCAGATGAAATAAGGGTGGATCAGCTGA CTTTAAACTANGTGGTGACCCTGGAGCATCCCGNGGGCCCCAGTGTGATCACAAGGTC CTTTAAAGTGGANNAGGGCCAGCNNGTGGGCTACCCCTGCAATCCCAAAGCTTTTGGG AAGCCCGAGCAGCAAGATCCCCTGAATTCAGNAGTTCCAAACCAGCCTGGNGCACAAATG AGGACGGAGTCTTCAAAGCCAGCCTGAGCCATATTGAAACTCGATC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AK097131 unedited</p> <pre>NAAATTACTGTGNACCGCGCCCGTTTTTCGAGNANCGAGTTTTTTTTTTTTTTTTTTGACA GGGTCTCACTGTACCCAGGCTGGAGTGCAGGGGTGTGATCATGGCCACTGCAGCTTTGA CCTAGGCTCAAGCAATCCTCCCACCTCAGCCTCCTGAGTAGCTGGGACCACAGGCGTGCA CCTACTACTCGGCTGATTTTTGTTACTTTTTGTAGAGACAGGACTCAGTCTCACTATG TGGCTCAGGCTGGCTTTGAAGACTCGGTCTCACTTTGTTGCCAGGCTGGCTTCAAACCTC CTGGATTCAGGGGATCCTGCTGCCTCGGCTTCCCAAAGCTCTGGGATTGCAGGCGTGAGC CCCACGCTGGCCCTCCTCCACTTTTAAGGACCTTGTGATCACACTGGGCCCCCGGGAT GCTCCAGGGTCAACACCTAGTTTAAAGTCAGCTGATCCAACCTATTTCATCTGCAACC TGGATCCCCGAGCCAGGTAGTCACAGGCTCCCACTAGGATGTGGACATCGATAGGGAAC ACTATGCTGCCAACCAACCCCTGTCTACAAGCCAAAGAGCATCCCACAGGTAGAGCCCA CGAACACTCAGGGTCTTGGGCAGGAGGTGGGTGGACACAGGGCGGGAAGGAGATGCTCA GTGGGGTTGGGGGAAGCACCGGCCGCGATGGGCCTCCCAGATCTCAGGGCCAAGGCATGG GAAGCTGGCACCATGTCCGGTCTTGGGGCTGTGCGTAAACAAGTGGATCCCCCATGAC ACAGCAGCTGCTCCAAGCCCCAGCCGGGGCCCGGACACAGGGCACGAGCAGTTGCCATG GAATCCNTGGATCCCGCCTGAATTGCAGTTGTTTCANGGCAGGACGCCCGGCACTCAC GCAGCTGTGCCAGCA</pre>
Restriction Sites:	NotI-NotI
ACCN:	AK097131
Insert Size:	1250 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:

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: [AK097131.1](#)

RefSeq Size: 2096 bp

RefSeq ORF: 2096 bp

Locus ID: 400627

Cytogenetics: 17q25.3