

Product datasheet for **SC103194**

LOC90768 (AK094166) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	LOC90768
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF: >NCBI ORF sequence for AK094166, the custom clone sequence may differ by one or more nucleotides

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ATTGAGGCCGTTAGGAAAAGCTGATGTTGTGCAGTGCCAACTACCACACGCTTCCTCCTCGGATGAA
TCCCTGGAAGCAGAGAGGCAGCTCGCTACGTGACCATCATGCTTTTACCTCACTGAGCTGTTGTCAAG
AGAGGGCGGGGATGGCGGCAGCTCAGCTCGTCCCTCCGACGAATAAACTGGAGCGGAGAGAAGAAA
TGCAAGACATCGCTGTCTGTTTGAAGCCTCTGGCTGCTCTCAGCAAACCTCTGCCCGCGCGGCTGGTG
ACTTTGCGGTGTGAACGCAGCCGGTCTGCTCGGGATAATGGGACCGAGCTGGCGGCATCGCCCTCCCGT
GGGCCCTCTTGCCACACAGATGCGCAGCTCTCCAAAAGGAAAAATGTGGCCAGCAACCTCGCCTAGCC
CTAGTCCTAGGAATGCATGCTGGGGCCTTTGGAAGCCTCTCAAAGGCTGGGGGGCGGGGGGGGGGATA
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CCAACAGCACCTGCCCTGCTGCTCCACCGCTCCCGCGGGTCAAGTCTCAGCCGAGTGCTGCTGCCCA
CCTGAAGGTGACACCTGTCCATTTAGTCAGCATCACATGCGCCTTCCCTTTCTCCCTTTGGGGTCTGT
CCGTTTTCTCCTCTGCTTAAGAGCCAGCTTGGAAGTGAAGGGCGGGTAGCAGCTGTTTGTGCTC
TTGCCCGTGACAGCTCGAGGGTCTCCGACGCCACTTCTCTTTAACACGCGAGGCTTTCAGCGCTGCGAG
AAGGGGACCGCGGGTCAAGCAGGTATTAGGCTCTCCAAGGACACTTGTGGACATCACTGGAGTTTACCT
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CCAAATCTCAGGTACCGAGACCTTCCAGCTCACCCCTCAGGCTCAGGAAAGCCAATAACCCACATATGCC
CAAAAGGAGCTTATGTCTCAACTGAGAACAGCAAATAGGTGATGGGCCACTTTAGAACAGAGGCTAAAGG
CTGGTAGCCACTGAGCAAAACCAATTTAGGCACCTGAGGTGTTTCCCTTACACAAGTGCCTTACAG
GTAGCAAGCAATTAATCTGCAACAGTGAACAACACTAAACTTAAATTTTACATGGAAGTCTCTCAAGTA
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GAGGAAACATGCTTTCATTATCTTAATTAAGCAAGATAAGCCTCTCTCAATGTGCATGCATTTGGAG
CCACTGAATGGACTGGTGATGAGACGAAGCAACCTTTAATTGGGACCATGCTTCTCCAGTACATTCGTTT
GTATTCCATGGTGTAACCGGGCCTTACGCGTGGCTCCGACCTTCGGTGGAATGCATTTGCGTAGCACC
ACCCAGGGGCTCCCTTGCTTTGGCTAGAGCCTCATAAAAGACCCAGGTTTTCGAAGGATTTTGAACAC
CAGCGTCTTTTACATGTGGAACCTTTCGGTTTGGTTAGCTCTGTGAACGTATTTAAACTTGTACAT
TATTCCACAGTGAAAGTTGGAACCTTTTAAAGTTATCATAGAGTGCCTTTTAACTCTGTCATATTTT
CTATAAACAACTTTTCAGTGAGAAGCGTATACAGTGTACTCGAGGTAGGCATTAGCTGCTGGCAAGGTTT
ATGATACAATAGTGACACTACAGGACAATTTTTAGTCAAACAACCCGTTAGATATTTCAAGGTCAG
CTTATATGTTAACTTGTAATATAGGTTAAAAATATAGGTATCAAGTGAATAATTCAGTATCAGACAAA
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GCAGTGCTTCCACTGTGTTTTCTGCATGTAATAAGGATGGCACTGTTTTTGCATAGGTCTTCTCTAAT
AGCTGAGCACTCTGGAGTGAGGGCTCAACCTTATGCCTCTTTGGACACACAAGCCTAGCCCATGGGC
TGGCATATAGGAGCTGCTCAATAAATGTTTGTGAACGAATGAGTGGATACACGAATAAAATATTTTCAT
TGTC

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5' Read Nucleotide Sequence:	>OriGene 5' read for AK094166 unedited NNAAGGTCAAAATTTGTATACGACTCACTATAGGCGGCCGCGAATTCGCACCGAGGATTT GAGGGCCGTTAGGGAAGCTGATGTTGTGCAGTGCCAACTACCACACGCTTCCTCCTT CGGATGAATCCCTGGAAGCAGAGAGGCAGCTCGCTACGTGACCATCATGCTTTTACCT CACTGAGCTGTTGTCAAGAGAGGGCGGGATGGCGGGCAGCTCACGTGCGCCCTCCGCA GCAATAAACTGGAGCGGGAAGAAATGCAAGACATCGCTGTCTGTTTGAAGCCTC TGGCCGCTCTCAGCAACTCTGCCCGCGCGGCTGGTACTTTGCGGTGTGAACGCAGCC GGTCGTGCTCGGGATAATGGGACCGAGCTGGCGGCATCGCCCTCCCGTGGGCCCTCTTG CCACACAGATGCGCAGCTCTCAAAAGGAAAATGTGGCCAGCAACCCTCGCCTAGCCCT AGTCCTAGGAATGCATGCCTGGGGCCTTTGGAAGCCTCTAAGGGCTGGGGGCGGGGG GAGGGATATAATGGGCCAACCCTCTGGATTCATTTGGGGAAGAGAGACAGTTCTTGC CCCACTACTGAGGCAAGGCCAACAGCACCTGCCCTGCTGCTCCACCGCTCCCGCGGG TCAAGTCTCAGCCGAGTGTGCTGCCACCTGAAGGTGACACCTGTCCATTTTAGTCAGC ATCACATGCGCCTTCCCTTTCTCCCTTTGGGTCTGTCCGTTTCTCCTCTGTCTAAA GAGCCAGCTTGAAGTGAANGGGCCGGTAGCANCTGTTTGTCCCTTGCCCGTGCAGA CTCGGAGGTCTNCGCAGCACTTCTTCTTACACGCGAGGCTTTCAGGCGTCAAAAGG GGACCGNCGGGTCAGGCCAGAT
Restriction Sites:	NotI-NotI
ACCN:	AK094166
Insert Size:	2500 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	AK094166.1
RefSeq Size:	2454 bp
RefSeq ORF:	2454 bp
Locus ID:	285431

Cytogenetics: 4q35.1