

Product datasheet for **SC103590**

LOC100129034 (AK090539) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	LOC100129034
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK090539, the custom clone sequence may differ by one or more nucleotides

CACTAGGACACACCAACACCTTCTTCTGGAGTGAATCTGGCAGAGGTTTCTTTGAGCACCAGACTGTC
TAGAAGATATGATTTGGGCTGTTAATGCTCACAGTGGGTCAGGAATTAGGATACTGTCAAATGGCAGCA
CACAACCAACTGTTCTCTGCTCTAGCCCCAGCTGGGGTAATATCTCTGTCAAATTGCTGTCCTTCAGG
AACTGCCAGAAGGCTGCTGGCTGTGCCATGGCCTTGTGCTCCCGGAACACCCATCCTCTCCCTGGACAC
ACGGGCTAAAAGAGGGAGCAGGAAGCAGAACAAGGAGGGCAACTTCCACAGTTCTGCATCCAGGTGAGGA
GCACGGTCAGCCCAGAGCGGCTGCCTTTATGCTGCCAAGCCTCCCCGACCCCCACCTCTTAAAGAAT
CCAAGCAAAAGTACCTTTGAACAATGTGTCCCCACCCATCAGTTTGAGGATGCCCTCATCCCTCACAC
GCTGGAACCTTGGTGGCAGCGTGCAGTCTTAGAGCCAAAGTCCACGTGGCCTCTGTGTGCCTGACTCCT
CTGAACCACCCCTCAGTGTCTCCGGGAGGCTTGGACACACAAGAGCCTCCTCACCAGTGTGGTGACAGTG
CCCCATTTTTCGGGCATGCATTAGAGCTTCCGCCTTACGTGCCAGTGGACTGCAAGACCGTGTGCTGGA
GGGCTCGGGCAGACAGGCAGCAGGACTTGCCAGGCAAGGCCACTGGCGCATGGCACGGGATGCTTCC
TCAGGCTATCGCCCTGCCCGACCTAGCATCCACCTGGGAAGGGCTCCCTAACTCAGGCAGTGCCC
CCATCTTCAGTCACTGGCAAAGAAGACAACAGAGTCCAGGGAGCTTGGACACTTGCTGCCCTTGGCCCCA
GGACACCGATGGGGAGCAGGCTCCCTGCAGGTTACTGCACACCCACCACAGCCAGCAGCTTCTGGGTG
GCCTTGCTGATTCTTCCAAGCAGCCGCAAGCGGTTTTCTTTGTTCTTGGGTGTTTAGAGCCTCTGTT
TACAAGTGGAGCAGCCCATGTCCAGGAAGTAGGATGTGCCACTGCTGCACTCCCTGTGGATGAGGACTC
CTGCGCTCAGCACAGGTTCCCTAGGCAACCACTTCTCACTGGCCAGACGTGGCTTTCAGAGTCTCGCC
CAGGACCTTGGCCAGCCTGAATGGTGTAAACATTCCCTACCCCATCACCCTTACCAGTGGACTTGCTCA
AATCACGCATCTTGAAAATAACCAGCGAAGCAGGCTACATGGAGTACTGGCTCCTGCCTACCTGGAGC
TCGGCAAGGCCGTTCCCAACACAGCTCTGGGCCTGAAAGGTGGCTTGCCTTCTGCTAAAGGCCGA
GGGACTTCTGGGGCTCATTAGAGGTCACTGGTTAGCTCCATTTCCAAGACAGACTGATTTGCTGGAAG
CCACCAAGCCAGCCACCAACTCCCAACCCAGTGCCAGCGTTCTTGGCCCCGTGCTGCCCCACCCC
ATCAGGAGCCCACTGAGCTTCCGCAAGGTTGAGTGCAGCCACAGTGAATACCTGCTGGTTCTGAACGTT
CCATTCCTTCTTGTGAATTACTCCTGATGTGGAGTTGTGTGTGAGTGGGAGATGGAAGCAAGCCTGCA
GAAGGTGGTGTCACTTCTCGGGGCTACCGTGGAGCTGAGTGGGAGCCGTAGTTTATAAATGCCCTGTG
CTGACCCAGATGCTGCAGCTGGAAGCAGCACTCAGGGAGCCCATCCTGACCTGCCGGGCTCCAGAAG
AGGTCAGGAGCCACAGGACGGTCAAGCAGCCGACAATCACGAGCACTGCAACGAGCTGCTCCTCTGA
CACATGCTAGCCACCAGGTTTGAAACCTCCAGTTCTGCTCTGCAAAATCAACTAGAACCTTCTCCCACT
GCTCTGAGTCTGCGCTGCACCACTGAGCCGAGGGGCCACTCGGCATGTAGGCTCAGGCTCAATGGCACA
ACTCCTGTAGCACAGCACACACACTAGCTCCCAAGGCCACCTCTGGGAGGCTGTAGCATTGCTGAC
TTACACCCAGTTAGGAATCTCGGGGCACTCTGAGGGAAAGTCTGGGGCTGCCCTGAAAAATGCACCTTC
TCCCAGAAATCAGGGGATTCTTTAAGACACTTGAGAAAGGACAGCAGATGATCCAAACCTCTCCGGCCCC
ACCTCCAGCTAGGGCTCTTCTCGGGCCACCCTCCACCTCTCCCATCAAATTAATCACTTCTCTACA
CTTG

5' Read Nucleotide Sequence:	>OriGene 5' read for AK090539 unedited <pre>GGGTCAAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGCCGGACA CCCATCCTCTCCCCTGGACACACGGGCTAAAAGAGGGAGCAGGAAGCAGAACAGGAGGG CAACTTCCACAGTTCTGCATCCAGGTCAGGAGCACGGTCAGCCCAGAGCGGCCTGCCTTT ATGCTGCCAAGCCTCTCCGACCCCCACCCTCTTAAAGAATCCAAGCAAAAGTACCTTTG AACATGTGTCCCCACCCCATCAGTTTGAGGATGCCCCCTCATCCCTCACACGCTGGAACC TTGGTGGCAGCGTGCAGTCTTAGAGCCAAAGTCCCACGTGGCCTCTGTGTGCCTGACTCC TCTGAACCAACCCCTCAGTGTCTCCGGGAGGCTTGACACACAAGAGCCTCTCACCCTG TGGTGACAGTGCCCGATTTTTCGCGCATGCATTAGAGCTTCCGCCTTACGTGCCAGTGG ACTGCAAGACCGTGTGCTGGAGGGCTGCGGGCAGACAGGCAGCAGGACTTGCCAGGCAA GGCCCACTGGCGCATGGCAGGGATGCTTCTCAGGCCTATCGCCTGCCCGCACCCCTAA CATCCACCCTGGGAAGGGCTCCCTAACTCAGGCAGTGCCCCCATCTTCACTCACTGGCA AAGAAGACAACAGAGTCCAGGAGCTTGACACTTGCTGCCCTTGCCCCAGGACACCGA TGGGGAGCANGCTCCCTGCNAGTTACTGCACCCACCACACGCNAGCAGCTTCTGGGT CGCCTTGCTGATTCTTCCAGCAGCCGCAAGGCGTTTTCTTTGTTCTTGGGTGTTTGA GCCTCTGTTTACAGTGAGCAACCCATGTTCCAGGAAGTAAGATGTGCCACTGTGCACT CCCTGTGGATGAAGACTCCTGCGCTCAACACAGTTT</pre>
Restriction Sites:	NotI-NotI
ACCN:	AK090539
Insert Size:	4700 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:	AK090539.1
RefSeq Size:	2314 bp
RefSeq ORF:	2314 bp
Locus ID:	100129034

Cytogenetics: 9q33.3