

Product datasheet for **SC102382**

GEN1 (AK093631) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GEN1 (AK093631) Human Untagged Clone
Tag:	Tag Free
Symbol:	GEN1
Synonyms:	Gen
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK093631, the custom clone sequence may differ by one or more nucleotides

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GTGCTCCTGGCCTGGCGGTTGAGCCCGGGGAGCTAGTCTTTGCTTGGGTAAGAAAGAGGACTTTCCTT
TTTTTTTTTCTTTTGGAGAAAATTCAGAAATTTGGAGGCACGGTAGTTAGGATTCAGGCCAACTGGTA
AATGACGAAGGGGCTCCTTCCAGAGCCAAGGAGGAAGGGTTGTCCGGGTAAAGTCCCGCGGGACGTGGAGA
GACGGCGCCGCCGGGTCTCCACTGATTCTTTGACCATCTGGCTTACGGACGAGCTCTTTGTTGCT
GCTCTCCGAAAACGCCCTCAATGACTCCCTTTGAATAAAGTAGGAAGTCCGAACCGAGCCGCCAGGCCG
CGACTTGGCCCTGTTTTCCACTCGCGAGGGCCCTGCGTCACCCCGCTCGGAAAGCTGCGCGTCTCC
GGCCGCTTGCCTTGGCCGAAGCTGCTGGGTCCCCTGTGCTTCCCCGGGCATGCGATGGGATAATTC
CCACGCCCTCGCTCAAAGCCATCCCGGGAGAGCCCTCCCTGGTCCCATAGGCACAGTTGGGTGTTCCCTT
TCCGTGTTAACCTTGATTTCCGATATAGTCTGTTATAGTAATTAAGTATTGATGTTATTTA
CAATCAGTCTTTCCCCACGGTAACCTAGAGTGTAAACCCCTAAATAAACGTGAGAAGTAAAGTCT
TAACCTCCTTGGCTTAGGTTTCAGCGCCCTTCTCAACCCACACTCCCGCTTTCAGTCTTTACACAACCT
TCCCATGAATATGCTGACCTAACAGTAACCTACTTTTCACTCCAAAATCTTCTCTTCTGTGTGGGGA
AAATAATGCATTGACTGCCACCTCACTCCACCTCCAAAATAAATTGATGTTGAAATTTGCGCTCCGGTAA
TGGAAATCTTTACATCAAAGTCACTTTTTATTTCTAAAAGTAATCACATATATATATATTCCTACTGTG
GCCCTTGGCATGGATCAACGAAAAATAAGCATAGTCAAATAGACAAAACATCTGGCCTTGTGTAAC
CAATGGGAAACACGGTTGGGAGGTCCCTACTTACATGCACTTGTCTTCCAGAACCGTTTCTTGATTCCTA
AGTGGGGGACCTTTTTCTAAATACTAATAGTCTTCTTACCTCTTAAGCCCTTTTATCTGCA
GTCTCACTTACCCTAAGGTCTTTAATGCAGGGCTTGATCTCCATTATTGTATCTCCAGCACCTAT
AAAGCTTTCCTGTTAAATAGTAGACATTTAATAAGTATTTATTGATAAACGTGAAGTATGCCTCAACGTT
TAGGCTAAATTCATATGAAAATAAAATTGAAAAATAATTTTAAAGAACAGCATTAGTTACTGAGATTAT
GTGGTAAATCCCTAAAATAAATCTTGCATTGAAATAGTTTTACCATTACCAGTCTTTATATGAATA
TATACTCATCTAAATGGAATTTGGGAAATTTAAGCATTCTGCTTTTCCGAAGTAAATTTCTAATGTT
TTTTCTAAAGCTGAACCTAAATGCAAACTTGCCTTAATAAAGTGTGATTTTTGCATCAGTTAAGCCCC
TGACCTCTTTATGTTCTTTAAATTTGATTCATTAGTGAATTAACAAGGTTCTGTGTTTTCTCACCTCA
TTCAGTTTTATAATTAACCAATAAAAGCTTATTAGCTTTAAGGAAGTTTAGGAACTAAATTTGATTTA
TGGGCACCATATGTTTACATCAAAGGACTTGTGTTTTGTTTTAACTGGAAGTGGATTCTTAAGCCTTTAA
GATGGAATTTATGTTCTTTCTATTATACCAAGCAATGCTTTCTGAAATAGAGTGATTTTTTTTATTCC
ATGCTACCAGTTGGTCATGCAATTCAAATATTAATACTAGATTACAGATATTAGAATCTTGAATGCAT
CTGTTTTAATACCTGTCATTTTGTAGAACGGTTAAATGCTTCCCAAGGCATACACCTAATCAGTGGTA
TATTCAAACCCAAATCCTAGGCTTCTATCTGAAGTCCATTGCTTATGAAGTGGTTGCTATGTGTTCT
GACTTTGTTGATTCAAAATAAGTAAGCTAAATCAATTTAAGCCATTAATAGGTTTATAAAGTTATTGCTA
TGTGTTGTTCTTACATCATTGATTCATGTAAGTAGACTTGTGTGACAGCTAATCTTAAAAAATTATGAA
GATGTTAGACTCTTTTGATATATATATGTTGATTGTATGAACAGATTGACATCAATATACTTATTTCATT
ATAAAAGATTTGAGTGGGAACTCACCAAATCCCACACC
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5' Read Nucleotide Sequence:	>OriGene 5' read for AK093631 unedited AAGGGTCAGATATTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAAAACCTAC TTTTCACTCCAAAATCTTCTTCTGTGTGGGNGAAAATAATGCATTGACTGCCACCT CACTCCACCTCCAAAATAATTGATGTTGAAATTCTGGCCTCCGGTAAATGGAATCTTTAC ATCAAAGTCACCTTTTATTTCTAAAAGTAATCACATATATATTATTTCTACTGTGGCC CTTGCCATGGATCAACGAAAAATGACATAGTCAAAAAGACCAAAAACATCTGGCCTTG TTGTAACCAATGGGAAACACGGTTGGGAGTCCCTACTTACATGTCACCTTGCTTCAGGAA CGTTCCCTTGATTCCTAAGTGGGGACCTTTTTTCTAAATACAACCTATAGCTTGCTTTC TTACCTCTTAAGCCCTTTTATCTGCAGTCTCACTTACCCTACTAAGGTCTTTAAATGCA GGGCTTGATCTTCCATTATTGTATCTCCAGCACCTATAAAGCTTTCCTGTAAATAGTAG ACATTTAATAAGTATTTATTGATAAACGTGAAGTATGCCTCAACGTTTAGGCTAAATTCA TATGAAAATAAAATTGAAAAATAATTTTAAAGAACAGCATTAGTTACTGAGATTATGTG GTAATCCCTTAAATATAATCTTGATTGAAATAGTTTTACCATTTACCAGTCTTTAT ATGAATATACTCATCTAAATGGAAATGGGAANATTAAGCATTTTCTGCTTTTCCGAA GTAAATTTCTAATGTTTTTCTTAAAGCTGAACTAAATTGNCAAACCTTGCTTTATAAAGT GTGATTTTTGCATCAGTTAAGCCCCTGACCTTATGTTCTTTAAATTTGATNCATTA GTGAAATAACAAGTTTCTGTG
Restriction Sites:	NotI-NotI
ACCN:	AK093631
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:	<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:	AK093631.1
RefSeq Size:	2348 bp
RefSeq ORF:	2348 bp
Locus ID:	284952
Cytogenetics:	2p24.3