

Product datasheet for **SC104197**

AK097921 Human Untagged Clone

Product data:

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



Fully Sequenced ORF: >NCBI ORF sequence for AK097921, the custom clone sequence may differ by one or more nucleotides

ACCTGCAGTAACAGCTGTTTCATCTGTTGGGACCCTTATCTTAACTCACCCTTTCAGAAGAGCAGACAAA
CTCAATTTTGTACTTACGGAGTTTCGCTCTTATTGCCAGACTAGAGTGCATGGTGCATCTCGGCTCA
CTACAACCTCCGCTCCAGGTTCAAGTATTCTCTGCCTCAGCCTCCTGAATATCTGGGATTACAGGT
GCCCCGTACCATGCCTGGGTAAATTTTGTATTTTGTAGTAGAGATGGGGTTTACCATATTGGTGAGGCT
GGTCTCGAACTCCTGACCTTGTATCCGCCCGCTCGCTCCCTAAGTGTGGGATTACAGGCATGAGCC
ACTGCGCCCGGCTCCAAAGCCTAATGTCTTTGATCTTATCAATGTTCAATCCTGGAGCCTAGTGTGTCT
TGGACCTGCGTTTACCTTTTGAATCAGTAGGAGCAGAAGTCTGTTCCAGGCACCAAGAATACGTAA
GACTAGAAAGTTGTTCTGCTTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGGAGACGGAGT
CTCGCTCTGTACCCAGGCTGGAGTGTGAGTGGCGGGTGGGGCTCACTGCAAGCTCCGCTCCCGGG
TTCACGCCGTTCTCCTGCCTCAGCCTCCCAAGTGTGGGACTACAGCGCCCGCCACCACGCTGGCTA
ATTTTTTTTTTTTTTTTTTTTTTGTATTTTGTAGTAGAGATGGGGTTTACCCTGTTAGCCAGGATGGTCT
TGATCTCTTGACCTCGTGATCCGCCCGCTCGGCTCCCAAAATGCTGGGATTACAGGCGTGAGCCACCG
CGCCCCGCTGTTTCTGCTTTTGTAGCTCACCCTATTCTCAGTAAATGGGAATGGGACGCCAGAAAGCA
TTTCTGAGTTAAGTATATTATGTGCAATTTGGGAGTCTTCTAGACTCCAGTGTCCCTGCCTGGCCACCA
AAGTGCCAAACAGCTCATCTATCTCAGTCTTTGGCAGGCTTTCTTCTGCTTTGCCTCCACAACTGCC
AGTGCTTAACGGTCACTCACAAAGGGCTCCCTCTCTGAAAATTAGTCTTCTGGACTTTTCTTGCAACT
ACCATTTCTCAGTAGTTTCATAAATGAGTAAGAGTTTTATAACATCTGAGGGGTGGGGTTTTTTTATGT
TACCATAGGAGCAAATGTGTTCCACATCTTTACACGCTACACAGAAAATTGTATGTTGTGTTAAATC
ATAGCCAAATGCAAGAAAATATGGTTTCTTTATTTTGTTCATAACTGATCTAATCTTTCTCATAATT
ATCTCCTTCTAGGTTGAAAGGATTAAAAATGTAATTATGTTTAAATTCATGTGATCTAAAAATCCAT
CATTCTATCATGAGCCAGGAGCTCCTGCTACATAAAACATATGCTAATCAATAAATGTGATACATCACA
TCAACAGAATAAAAAACAAAAAACATATGATCATCTCCATAGATGCAGAAAAAGCATTGATAAAAT
TCAATATCCCTTCATAATAAATACTGGCAACAAATTAGGCATAGAAGGAACATATTTCCACATAACAAAG
GCCATATATGACAAACCCACAGCTAACATTATACTGAATGGGGAGAAGCTGAATGCCTTTCTTCCAAGAA
CTGGAACAAACAAATATGCTCTTTTACCACCTCTTATTCAACACAGTGTAGAAAGTTCTGTCTAAAGC
AATCAGGCAAGAGAAAGAAATAAGGTTTTCCGAATTAGAAAAGAGGAAGTCTAATTGCCCCCTCTTTGA
AGATTACGTGATCTTATCTAGAAAAATGTAGAGACTCCACCAAAACTCTCAGAACTGATCAACACAG
TAAAGTTGCAAGATACAAATCAGTCAACATGCAAAAGTCAGAAAGCATTCTATACACCAACAACAGGT
AGCTGAAAAAGAAATCAAGAAAGCAATCCCATTTATAATAGCTAC

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for AK097921 unedited
CTGTACGCAATTGTAACGACTCATATAGGCGGCCGCGAAATTCGCACCAGGTTTAAAT
CCTGTGATCTAAAATTCATCATTTCTATCATGAGCCAGGAGCTCCTGCTACATAAAACA
TATGCTAATCAATAAATGTGATACATCACATCAACAGAATAAAAAACAAAAAACCAT
TGATCATCTCCATAGATGCAGAAAAAGCATTGATAAAATTCATATCCCTTCATAATA
ATACTGGCAACAAATTAAGCATAGAAAGAACATATTTCCACATAACAAAGGCCATATATG
ACAAACCCACAGCTAACATTATACTGAATGGGGAGAAGCTGAATGCCTTTCTTCCAAGAA
CTGGAACAAACAAATATGCTCTTTTACCACCTCTTATTCAACACAGTGTAGAAAGTTC
TGTCTAAAGCAATCAGGCAAGAGAAAGAAATAAGGTTTTCCGAATTAGAAAAGAGGAAG
TCTAATTGCCCCCTCTTTGAAGATTACATGATCTTATCTAGAAAAATGTAGAGACTCC
ACCAAAAACTCTCAGAACTGATCAACACAGTAAAGTTGCAAGATACAAATCAGTCAACA
TGCAAAAGTCAGAAAGCATTCTATACACCAACAACATGNGTAGTGAAAAAGAAATCAAG
AAAGCAATCCCATTTATAATAGCTACAAAAATAAAATACCTATGAATGAATTTAACCA
GGGGGAGTGAAAGATATCTAAGGAAAACTGCAAAACATTATTGAAAGATATTGAAGATGA
CACAAACAAATGGAACAAACATCCCATCTGCAAGGAATGGAAGAATTATATTGGTAAAT
ATCCATACTACCAAGCAATATAGATTCAATGTAAGTGTATCAATGCCCATGACAG
NTCTCACAGAAATAGAGAAACATCCTAAATTTGTGTGGACCACANAAGACCCAATAG

Restriction Sites: NotI-NotI

ACCN: AK097921

Insert Size:	3000 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:	AK097921.1
RefSeq Size:	2005 bp
RefSeq ORF:	2005 bp
Locus ID:	400790
Cytogenetics:	1q23.1
Gene Summary:	DISCONTINUED: This record has been withdrawn by NCBI because the model on which it was based was not predicted in a later annotation.