

Product datasheet for **SC102244**

AK093406 Human Untagged Clone

Product data:

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



Fully Sequenced ORF: >NCBI ORF sequence for AK093406, the custom clone sequence may differ by one or more nucleotides

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GAAATATGATAACACAATTTGGAGTTTTATTAACCAATTTTTTTGAATTTTGAAGAGATTTTGT
GTTTAAAGAAAAAGAACCAAGGGCCTGCAATATATTCTGTAGAGGAGATTAAAAAGAAAGGGATG
AGGGAAAAAGAGATGAATGTTCCCATATCACTCATTTCTGTCTCAGGAGGGCTAAGGTGGCCCTG
CTCACCAGCCTTCCCCTCTCGGCATCACCAGCCCCAGCCTGCTATCCGCTTCACAGAGCAGCGAGCCAG
TCCTTGGAGAGGGGACGTGAGAAGGGGCAGAAAGTCAGGGGACCTAAGGCTGCTCCCCAGCACCAGTGCTG
CTCAACACACACAATTTGTGTGACCACCACTGAACAAATCTCACAAGAAAGAGGTGCATTTTACTCCACAC
GTCATTTGGTTTTGAAAACTAATTTGAACCTCATTTTTTCTAAGTGAGAATTTGGTTTGTGTGTG
TGTTTTCAATTTGGATTGCCAAGTATTCAGTCCTAACATATGTTATGGTTGGAGTGCAATAACACTGTG
CAGCCGAATAACTAGACCTAGAAAAATAAACTGATCACGGTAAAGTTATTTCCAGGCAGGGGATGCCTC
ATGATACTGGCTGGGGCCCAACCACACCAAGGCCTCGTCGGTTTCTGTTCTCATGCTGTTGTATATAC
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CATTTCTCAGTTCATCTGACAATGTGCAAAACAAAAAGTCTACATTAGAAATTTATCATGAAGTTATAC
TCTACTTCAACTCACTTCTTTTCAGTCCCTGTGAAAACCTAATACTCTTGGTGTGTACTGAAATACCCA
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AAGAGGTTGAAGGAAGCCACCAATGTGAAATCATATTTGCTGTAAAGAAAGAACCATTTGTGAGTTGTTG
GAAACCAGATTAATCCATAATTGGAGATTGATGACTTTTATTTTCATGAGTTTACTTAGTTAGGTGT
TTTATCTTCTGTGTTTTGTGGCTCCAAATTACGAAGACTGTTGGCCTTGCAAGAAACTGATCACGGCAAA
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GCCCTTTGAACTGATGTTTCAACATGACTCCTTCTGTGAGCTCTCCGCTAGGAAGCGGCATCATGTC
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AAGAAATCCACTGCCTTTTTATAAGAGAACAGAACATTTACACCGTCTTGTGAGCAATGAACGTTCAA
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ATACCGGGAGCACTAACTGGAAGTGACACAAAACACAGCAGAATCCGCTCACACCTGCCGAGGTTCT
GGGGGATGATCTTTGTGTAAGGATCCTGGTGCCGAGTCAGCCTGAAACACTCCAAGGAGCAGAGACGC
TCCCCTCTGCAACAGTGACATTTATACTGATGGCGTCTTTTAAATAAATTAATACATGTCTGATGTGA
CAGAGTAGTGCTGTCTGACAAGGTGATCTTTGACTTTTCTAGAGGTACAAATTTACGCTCCCTCTAT
GAATAGAGAGGGCATTTGTTTCATTCAAAGACAAGACATTGTTAGAAATGAGTGGCACACCTCTTCAAC
CCATCCCCTTCTCCATGGAGGTAAAAAGATCCTATTAGTTCTCATAATTGATTCTGAGGGCTGCAGCGT
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ATGATGGAGGAAGAGTTTGAATAAAACCTGCTCGTTTGAAGCATGCCAGCAGACTAAAGAATATTTTA
TTCTGCTTATAAAGAGCCAGTCAAAAGAGTCTCAGTTTGAAGTGTTCAAGTTAAGTTAAGTCTCAGTGAT
AAGTTTTCAGGCATTACATGTGTTAG
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5' Read Nucleotide

Sequence:

>OriGene 5' read for AK093406 unedited
GGGGTTCACATTAGNATACGACTCATATAGGCGGCCGCGAGCCCCTCATTACGGCCCTGC
GTGAGAGCACAAGCAGCAGTCATTACATAATTATACCTCTGATTAGTTGGTTGAACTGGC
CATTGGCCTTTGAAATATGATAACACAATTTGGAGTTTTATTAAAAACAATTTTTTTGGA
ATTTTTGAAAAAGATTTGTGTTTAAGAAAAAGAACCAAGGGCCTGCAATATATTCTG
TTAGAGGAGATTAAAAAGAAGAAAGGGATGAGGAAAAAAGAGATGAATGTTCCCAT
ATCACTCATTTCTGTCTCAGGAGGGCTAAGGTGGCCCTGCTCACCAGCCTTCCCCTCTC
GGCATCACCAGCCCCAGCCTGCTATCCGCTTCACAGAGCAGCGAGCCAGTCCTTGGAGA
GGGGACGTGAGAAGGGGCGAAGTCAGGGGACCTGAGGCTGCTCCCAGCACCAGTGCTG
CTCAACACACAAATTGTGTGACCACCACTGAACAAATCTCACAAGAAAGAGGTGCATTT
TACTCCACACGTCATTTGGTTTTGAAAACTAATTTGAACCTCATTTTTTTCTAAGTGAG
AATTTGGTTTGCTGTGTGTGTTTTCAATTTGGATTGCCAAGTATTCAGTCCTAACATA
TGTTATGGTTGGAGTGATATAAAGTGTGACGCGCAATAACTAGACCTAGAAAATAAAA
CTGATCAGCGTAAGTTATTTCCAGCAGGGGATGCCTCATGATACTGGCTGGGGCCAA
CCACACCCAAGGGCCTCGTCGGNTTCTGTTCTTATGCTGTTGGCATATACCCACAAGT
AGGGGAAGCCAGAACCATGGAGCCTTCATGGTAATTTTCTTGACAAGCCATCCTTCAA
AAAAAACTTTTCTTTTGAAAAAGAAGTACTCCCTGAAAN

3' Read Nucleotide

Sequence:

>OriGene 3' read for AK093406 unedited
AATTCACGTGTGNNACACGACGCCNCGCTTTNCTNAGTATNCGNAGTTTTCTTTTT
TTTTNTTTTACCCTAACACATGTTGAATNGGCCTGAAAACCTATCACTGAGACTTAACT
TAACTGAACACTTCAAAGTGAAGTCTTTTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG
TTCTTTAGTCTGCTGGCATGCTCAACGAGCAGGGTTTTATTCAAACCTTTTTTCCATC
ATTGTACCGAAACACAGGCTTATTAATGTACCTCTGGTCTCCTCCTGACAGCACTC
CTTGTTGATCAGATAAATATTCTCAGATAGCTGATTAATAAATGATGCAGCGCCGAGGC
TGTGTGTCCAAGGCGCTCAGCCATGTTGGACGTCCAAGTGTGCATGAATTACATCCTTG
GCGTGAACCGAGCAGGGACGGCTAATGAGGCACGCTGCAGCCCTCAGAATCAATTATGA
GAACTAATAGGATCTTTTACCTCCATGGAGGAAGGGATGGGTTGAAGAGGTGTGCCAC
TCATTTCTAACAATGTCTTGTCTTTGAATGAAACAAATAGCCCTCTCTATTATAGAAGG
GAGCGTAAATTTGTACCTCTCAGAAAAGTCAAATGATCACCTTGTGACAGCACTACTC
TGTCCACATCAGACATGTTTTAATTTATTTAAAAAGACGCCCTCCGTATAAATGTCAGT
TTGCAGAGGGGAGCGTCTGCTCCTTGGAGTGTTCAGCCTGACTGCGCACCCAGATC
CTTTACACATAAATTATTTCCAAAAAACCCCGCCAGGTGTGAACGGAATTTGCTGGGGT
TTGCGTCCCTTCCAGTTAAGGGTTCCGGTATCCCGGATCTTTCGTCGGGGCCGATTCT
TGGGAGGTTAAAAATGGGGATTCTTTGTGCTGGCCCTT

Restriction Sites:

NotI-NotI

ACCN:

AK093406

Insert Size:

2700 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:	<u>AK093406.1</u>
RefSeq Size:	2547 bp
RefSeq ORF:	2547 bp