

Product datasheet for SC106062

AL390214 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 AL390214, the custom clone sequence may differ by one or more nucleotides

GAATGGCTCCGAGATGGCCGGCACTGAGAGCCAGCAAGAAGCGGAGGAGATGGGCCTTCAGCAGGGGGT
TGCGGGGGGAGCTTTAACTGAGCCCTGTAAACATGGCAGAACTGCTCAGTGGGAGACTCTCAGCACAGA
CGGTCAATGGGGAAGTGAGTGCAGTTCAATTTGTAATCTTGTTGTCGAGTTCTGGGTTTTTTTGTGTTT
CGTAACTTTAAAGGTATGCACTTTATATAGATTTATTTATTTGCTGGGACCGTTACTCAGAGTTCCTAGA
AATGTACACAGCTTTTTACCAGGGTTACTCCTCAGAATCACTTGTCACCTCTTTAAATGAATGAATGAA
TGTGCCAGGCCCTATGCCTGGAGGTTGGGAGCTTCATCTACATCACATTCTAACAGGTGACCACTGGGT
AAGCACTGTGTGACTGCAAAGCCAGGGTGTGTTTCCATCAACACCCAGATGACCGTGCCTATGTGCCCT
GTTGTCTCCTCCAGGACTGCCTCCTCACCCACCCCTTTCTGCAGCTCCTCATCTAAACATCTCGCCT
GGTGAGGTCACGGCTTAGCCTGTTGGCCAGTGGCCCCACCACCATCTTCCCTGTGCAGATTGGAGGA
GGCCAGGTCTCTCCCTTAGCTCCTATGTCCCTTACCCCCCATGGCAGATGAGACATTACAGAGT
TTGCAGATGATGGAAGAGAAGACTCCAGGTTGCCAGGTGTGTCCACTCTCAGGAACCCCGAGCCCAAGCC
TCACTGCTCGTGTCCAGCCAACCCAGCACGGGGATACGCCGGTGCTGTTTCCCTGCTCAGATACAA
CCAGTTACCAGAAACGACCTCACCCCTCAACCACTTTCCAAGGTGCCAGGACAGAGAAGCCCTTCACTG
GCCACCCAGGGCAGTTGACAGAGGGATGCCCTCCTGGAGGGGAGCCTCACCTTACCCACAGGGCCGC
GGCCTTGTCTGGATTCTACCGGGGAGTCAGTCAGGATGGAGAGGTCCCATGTACGCCAGTTCTTTG
GTGGGGGTGATGAGTCTGAAATGACCTGCCGATGGTCCAGGCTGAGCCAGGGAAGCTGAGCCTGGGTG
CTTTTTGGTGCCTACTCTGACTTGAGTTGAGTTCATGCCACAGACCCACCTTCTTGAGCAACAACACATA
TAGCCACCAACACAAGGCCAGGCACACTGAGCAGAGAAAGTCCCTGTCGCTCACCACCCAAAACT
CCAGCTTTGCAGAGACCAAGGTTCTTCTCTACCTTTGCAGAAGCCTCTGTGACCAACCCCGAGCTTGCC
CTTCTGAGGCCTCTAGCATTTCTCCAGGTGTTTTTTCAGAGGACTTGGTTTTAAATTTGTTACCCCAATG
TGGTCTTCCCGGATCATGAAAGGATCTGCCGCAAGGTGAATCTGAGTCTCCTCAGAGTCATATGAGAC
TGAAACTGCTTATAACATTTCCGTGACCTAATAAGTCTTCAAAAAATGAGGGTATTAAGAGTTTAGTGA
CATTAAGGTTTGTAGTCAAAATATCGTGATTCAGGTATATTTAGACATTGATTTCATGCCAAATGGCCA
CTGTAAACAGAAAAACACCCCAAGCACATTAATGCCTAGATATTTCAAACCTTTTCTGCCACACATT
CTTAATAAATAATACTGAGAAATCTATATACAGGTTTTTTTTTAATTAGCTTGGAAAAGAGCAGTTGTA
TTCTGTTTGAACAGCTGCTAATGTCAATTCCTGTGGGAAGAAAGACCAAGAACATGGAGTTACACCAAG
AATTTTAAACAAAGACGCTGTCCCTTCTGAGCAGCGTGACGCAAGACTGAGAGATCAGTCTGAGAC
CTGTGATTAAGGAGTGTCTTCTACATAGCGTATAATTATGGAGCCACACAAGTGGGCCATTACTCTGTTG



AGTGCTTCATGTTTGAGGTATTTTCGTGTTCCAACCTACATTAAGTGTTTATAAAACAGGAAAAATCCA
CGAGCAGGTATTGACACTATCCATATTAGATCATCACAAAATTATATATATAGCAGAGTCATAAAACATG
AGAAACGGTCTTCCACACTTGCTTTAAATGGCCATGACCTAGTGTGTTAGGGAAAGCAGTAAATCAGCG
AGGAGCTCGTGGGAAAAATGAGACGGGCCCTGAGGGGGTGACTCATGGGCCAAGCAGGGCCACACAGGTA
CCAGGCCGCCACGTCTCTCCTGCCTCTCACTCTCTGGAGACTGGACTTCCTTTACTGCCTCCTTTCTGA
CATTTCTAGACATCAGACTTTGCTACTTAGTACACAAACGGGGTCCCTTTTAAATTTGTTCACTCTAG
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AATTGTTCTGGCTAATTAGAAGCAGCAGGCCCTGGAAGTCTTTGTCTGTGCCCTGAACAAATCTTAT
GGGAGCTCTGGTACCTATGCCAGAAAATGCACATAGGCACAACACTTTTACATACACGTTTACACACCCC
ACCTTATGGAGAACTTTTTCTAAATAAGAGAAAGAAAAATTTAAGACTTACAAGTTATGTTTAGGTA
TTTTACATGGTTTCAAAAACAAGACATGAAGCGGTATAAACTGAGAAGTCTTGTCCCAACCCCAAGT
GCCAGGTACACATAACCATTTTTATTCACCTCTAGCTTGTGCTTCCAATGTTTGTGTTAGGCATATGTAAT
AAGTGAATAGATAAGCATTTCTCCCTCCTTTGCTGACATGAGTGGTGGCATGTTTTGCCCTGGCTTTT
ATCCCTTGACCCCATTCAGTACCTAGAGACCTGCTTCATTTTTTAGATGTGTAATACTTCATGTGTGC
GTGTGCCTTAGTGATTAACCTGTGCACTGTGCAGGGACATCGGGCTGGGATCAGTTTGTCTACTGATATA
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ATTCTAGGCGTAGAATTGATAGGTTAAATGTATTTATAGGGAAAAATCAATATAAACTTTGCGTGTAA
TGATATTTGCGTGCTTTTTTTTTTAATTTTTTTACCCAAATAGTAAAAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for AL390214 unedited
GGCTTCANATTTTTGTATACGACTCACTATAGGCGGCCCGAATTCGCACGAGGTGGGAGA
CTCTCAGCACAGACGGTCATGGGGAAGTGAGTGCAGTTCATTTGTAATCTTGTGTGCGAG
TTCTGGGTTTTTTTTGTTTGTTCGTAACCTTAAAGGTATGCACCTTTATATAGATTTATT
TATTTGCTGGGACCGTTACTCAGAGTTCCTAGAAATGTACACAGCTTTTTTACCAGGGTT
ACTCCTCAGAATCACTTGTCACTTCTTTAAATGAATGAATGAATGTGCCAGGCCCTATGC
CTGGAGGTTGGGAGCTTCATCTACATCACATTCTAACAGGTGACCACTGGGGTAAGCACT
GTGTGACTGCAAAGCCAGGGTGTGTTCCATCAACACCCAGATGACCGTGCCTATGTGCC
CCTGTTGTCTCCTCCAGGACTGCCTCCTCACCCACCCCTTTCTGCAGCTCCTCATCT
AAACATCTCGCCTGGTGAGGTACGGCTTAGCCTGTTGGCCAGTGGCCCCACCACCATCC
TTCCCCCTGTGCAGATTGGAGGAGGCCAGGTCTCTCCCTTAGCTCCTATGTCCCTTCA
CCCCCATGGCACAGATGAGACATTACAGAGTTTGAGATGATGGAAGAGAAGACTCCA
GGTTGCCAGGTGTGTCCACTCTCAGGAACCCCAAGCCCAAGCTCACTGCTCGTGTCCC
AGCCAAACCCAGCACGGNGGATACCGCGTGCTGNNTCCCTGCTCAGATACAACAGTTA
CCAGAAACGACCTTACCCCTTCAACCACTTTTCAAGGTGCCNAGACAGAGAAGCCCTTCA
CTGGCCCAACCCAGGCACTGACGAGGGATGCCCTNCTTNGNAGNGAGCTACCTCTACCA
CAGGNNCGNGCCTGTNCTGGATTCTACGC

3' Read Nucleotide Sequence:	>OriGene 3' read for AL390214 unedited <pre> CTATGGACCCGCGGCCCAATCTAGNGATCGGTTTTTTTTTTTTTTTTTTTTGCTATT TGGGTAATAAATAAATAAAGCCGCAATATCATTACACGCAAAGTTTATATTGAT TTTTTCCCTATAAATACATTTAACTATCAATTCTACGCCTAGAATTCTATCTTCCAGAC ACACCTGCACATGGACCAATGATACACATGTGAGGGTATCTCCCGCAGCGCTGTATATA TCAGTGAACAACTGATCCCAGCCCGATGTCCCTGCACAGTGCACGAGTTAATCACTAAG GCACACGCACACATGAAGTATTACACATCTAAAAAATGAAGCAGGTCTCTAGGTACTG GAATGGGGTCAAGGGATAAAAGCCAGGGGCAAAACATGCCACCACTCATGTCAGCAAAAG GAGGGAGAAATGCTTATCTATTTCACTTATTACATATGCCTAACAAACATTGGAAGCACA AGCTAGAGGTGAATAAAATGGTTATGTGTACCTGGCACGTGGGGTTGTGGGAACAAGAC TTCTCAGTTTATACCGCTTCATGCTTGTGTTTCTGAACCATGTAAATACCTAACATAA CTTGTAAGTCTTAAATTTTTCTTTCTTATTAGAAAAAAGTTCTCCATATGGGTGGG GTGTGTGAACGTGTATGTAAGTGTGTGCCTATGTGCATTTTCTGGCATANGTACCAG AGCTCCCATAGATTTGTTAGGGACACANGACAAAGACTTCCAAGCCTGCTGTTCTAA TTAGCCAGAACATTTAAGGCATTTTCCCTTCTCTTTGCATTTTCTAGCTCAGCTATCAGGA TGTGTAACAACTTGTGTCATGGGGAAGTCAGCCCAGAGTACCATATAATCAGAAATCT CATCTCCGCTTCTCTGAAACGAGAAAGAACATAAGCAGGAGCAAGCCACTCCGCTGTCT GGACACATTTTATACGCC </pre>
Restriction Sites:	NotI-NotI
ACCN:	AL390214
Insert Size:	4000 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:	AL390214.1
RefSeq Size:	3564 bp
RefSeq ORF:	3564 bp