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# Product datasheet for SC102272

## AK095804 Human Untagged Clone

### Product data:

| | |
|---|---|
| **Product Type:** | Expression Plasmids |
| **Product Name:** | AK095804 Human Untagged Clone |
| **Tag:** | Tag Free |
| **Mammalian Cell Selection:** | None |
| **Vector:** | pCMV6-XL5 |
| **E. coli Selection:** | Ampicillin (100 ug/mL) |

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**Fully Sequenced ORF:**

>NCBI ORF sequence for AK095804, the custom clone sequence may differ by one or more nucleotides

GTTTGCGTGCATGCATGTGTGTGCGTGCGCGTGTTTGTGTGTGCATGTGTGTGCGTGTCTACGTGTGTGT
GCACGCATGTGTGTGCGTGTATGTGTGCGTGTGTGCATGTTTGTGAGTGCATGTTTGTGCGTGTGTGCGT
ATTTGTGTGCGTGTGTGTGCGTGTGTGTATGTGCGTGTATGCATGTGCATGTTTGTGTGTGCGTGCATAT
GTGTATGTGTGTGCGCGTGCGTGTGCGTGCATGTGTGCGCATGCGTGTGTACCTACCCACACCTAGGGGG
ATGCATGGCTCTGTGCCTTGGAGAGGGAAACAGGAAATACGTTGCTCCACAGTCCTGTCATCCTGGTCAG
GACTACTCGCGTGGTTTGCGGACAGAGTGCAAAATGAAAATGCGAGGCCCCTTGTTCAGGTGATGAAGCA
TTTCTAGACAGTGAGAGGAGAGCATTAAGCCAAGCTCAGGTCCCTTCTGAGTGCATAGCCTCTTGTGGCT
GCCAGGCAGCACACCCAGGAGGCCGGCCCTGACCACACTGTTCTCTGCTGGTTCCCGAAGCCGATGGGCT
CTGTCTTAGGTCTTCTTACTTTGAAAGGTCTCCCGGCAGGCTGTGGCAAGCTGCGCGGATACACTTTTCT
AAACGTCTGCATTTATTTCCTAAAAGCACAAATGGCCTGGACTAGCTAGTGGGTGTGGAACCGAGCCCCT
AGTTCACAGCTGTACCCCAAGGCTGGAGAGGGGGTTGCCGGTGGTGGCAGGAGCTCTGGGCTCCCAGTTC
AGGATGGGCCACAGGGCGTCAAGCAGCTGTGAGCCTTTACCATTGAGCTCACTGCTTGGAAATAAAACCC
TTCCTCTGGGCCTTGGGCATCCACCGGGAGCTTTTCTCCCCTTTCCTGGGAGGACAGCAAGCCTTTTCCA
ACCTTCTGCCTTCAAAGAGAAGCAGGGTCATAGAAGTGCTCAGTGTCCCTTCCCCAGTGGCTGGACACTC
GCTCCTCCAGCCTTCACCCCCTGGAGAGAAGGGGAGTCTGCGGAGCCAGTGCCTCCCTGCCCAGCTGGGC
CACACGATCTGGTCTGCGGGTGTCTGGGAGGAACCTGCTTCGGAGAGGCTGCGACCTCCCAGCTAGACTC
TCCCCTTAGGATCCCATGTATGGGGATGGTAGGAGAGAAAAGATCCCTCTGTGTAAGTAGCCTCAAGTTC
TAGAAGACCATGGCCCCGGGAGGCAGCTGACCATGAAGCTGGGCTTCCTGTTGTTGCTTTCTTCCACGAG
CTTTTACTTTTCCTGGGCTGGACGCTCCAAAATGTTTGCAGTTCCATTTGCTTTTTGCAAGTAGGTCCCC
ATCTCCATATACATTGAGCAATAATCCTCACTATGTTTCCTGATTCTGTCTGGGATTATATTTGCTAAGT
AAAAATGTTGACAGAAATTGCAAACTCATCTCACCTGGATTTGATTGAGTCACCTTGAATGACATAACAA
ATTATGGCTTTGTTTTCATGCGTCATGCAATCTTCCGGACTACGGGAAGTTCTGCAAGTGTTCTCCAGGG
GCATTTCATTAATAGCGTGTCAGCATTAGTTTTAATGAATGAACATTTGAGGTACATTCTATAAATCAAT
ATCCTTAAAATGTCATCTGCTAAACATTCACTGTGACAGAAAGTAGATATTTTAGCAAGATCTATGTTAA
TGCTACTTAATTTTAGACATGCATTTAAAGCCTACATGGCCAATAGCCCAAGTATCTTTGAACTGTGAAA
TCAACCTCAGATCTCATCTGCTGTAGCCCCGCAAGCCGGAGTCTGTGCCCTCCATGACCCTTCTTATCCC
TTGGTGGCCCTGCATAGATAGGGGAGTTGGCCCCTGCCCACCCCGTGTTGTATTGCCTTAGCTCCATCAG
CTTTGTACCCTCACACGTATAGGTGGTGAACTTATGTGTAAATACATGTGTACAGATGAGAAACTGCAAC
AAAAATGTCCTGTGGATGATAACCAGCTCAGTTTCCGGTTTTCTACATTCTGTGCTGTTTCCAGCTAAGA
AAAAGGCGAACTCCCACTATATAAAGGGAAAAGGTTGTATTCATTTCATGTTCCTCATGAAATCTCTGCT
GTATGTTTATGGAATGGCCATGACTAAATGTATATATGGTATGTAAGAGGCCATGCTGTTAAATGTTGCA
TAAACTAACACAGATTCTGTAGTCAAAAATATTTAACTTGTTATTGTAAAATGTGATTTGTCATTGAGAG
ATTATTTTTCTGTATGTATATGAGAGTATTTTAGGAATCTAATTTAAGTGCATAAAACTATAG

**5' Read Nucleotide Sequence:**

>OriGene 5' read for AK095804 unedited
NGGTTCANCATTAGTAATACGACTCACTATAGGGCGGCCGCGAATTCGGCACGAGGGTGC
ATAGCCCCTTGTGGCTGCCAGGCAGCACACCCAGGAGGCCGGCCCTGACCACACTGTTCT
CTGCTGGTTCCCGAAGCTGATGGGCTCTGTCTTAGGTCTTCTTACTTTGAAAGGTCTCCC
GGCAGGCTGTGGCAAGCTGCGCGGATACACTTTTCTAAACGTCTGCATTTATTTCCTAAA
AGCACAAATGGCCTGGACTAGCTAGTGGGTGTGGAACCGAGCCCCTAGTTCACAGCTGTA
CCCCAAGGCTGGAGAGGGGGTTGCCGGTGGTGGCAGGAGCTCTGGGCTCCCAGTTCAGGA
TGGGCCACAGGGCGTCAAGCAGCTGTGAGCCTTTACCATTGAGCTCACTGCTTGGAAATA
AAACCCTTCCTCTGGGCCTTGGGCATCCACTGGGAGCTTTTCTCCCCTTTCCTGGGAGGA
CAGCAAGCCTTTTCCAACCTTCTGCCTTCAAAGAGAAGCAGGGTCATAGAAGTGCTCAGT
GTCCCTTCCCCAGTGGCTGGACACTTGCTCCTCCAGCCTTCACCCCCTGGAGAGAAGGGG
AGTCTGCGGAGCCAGTGCCTCCCTGCCCAGCTGGGCCACACGATCTGGTCTGCGGGTGTC
TGGGAGGAACCTGCTTCTGAGAGGCTGCGACCTCCCAGCTAGACTCTCCCCTTANGATCC
CATGTATGGNGATGGTANGAGAGAAAAGATCCCTCTGTGTAAGTAGCCTCAAGTTCTATA
AGACCATGGGCCCGNNAGCAGCTGACCTGAACCTGGCTTCCTGTTGTTGCTTTCTTTACG
AGCTTTACTTTTCCTGGCTGGCGCTTCAAAAGTTTGCAGTTCCATTTGCTTTTGCAGAAG
GTCCCATCTCCATAACATTGGCCATAAC

**3' Read Nucleotide Sequence:**

>OriGene 3' read for AK095804 unedited
AATAGCTGTGNACCGCGGCCCCGCTTTCTANGATCGAGTTTTTCTTTTTTTTTTTTCTAA
CATATACAACTTGGAATTTTTTTTTAATATAAGAAATTAGTTGAGTTGAACCCAAGTAAT
CTCATTAAGCATTTTCTACTCTTGGAATAGGTTTTAAATTTTTTTCTATAGTTTTATGCA
CTTAAATTAGATTCCTAAAATACTCTCATATACATACAGAAAAATAATCTCTCAATGACA
AATCACATTTTACAATAACAAGTTAAATATTTTTGACTACAGAATCTGTGTTAGTTTATG
CAACATTTAACAGCATGGCCTCTTACATACCATATATACATTTAGTCATGGCCATTCCAT
AAACATACAGCAGAGATTTCATGAGGAACATGAAATGAATACAACCTTTTCCCTTTATAT
AGTGGGAGTTCGCCTTTTTCTTAGCTGGAAACAGCACAGAATGTAGAAAACCGGAAACTG
AGCTGATTATCATCCACAGGACATTTTTGTTGCAGTTTCTCATCTGTACACATGTATTTA
CACATAAGTTCACCACCTATACGTGTGAGGGTACAAAGCTGATGGAGCTAAGGCAATACA
ACACGGGGGTGGGCAGGGGCCAACTCCCCTATCTATGCAGGGCCACCAAGGGATAAGAAGG
GTCATGGAGGGCACAGACTCCGGCTTGCGGGGCTACAGCAGATGAGATCTGAGGTTGATT
TCACAGTTCANAGATACTTGGGCTATTGGCCATGTANGCTTTAAATGCATGTCTAANATT
AAGTAGCATTAACATAGATCTTGCTAAAATATCTACTTTCTGTCCAGTGAATGTTTAGCA
GATGACATTTTAAGGATATTGATTTATAGAATGTACCCTCAAATGTTCATTCATTAAAAC
TAAGGCTGACACGCTATTATGGAAATGCCCTGGAGAN

**Restriction Sites:** NotI-NotI

**ACCN:** AK095804

**Insert Size:** 2000 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.<br>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.<br>3. Close the tube and incubate for 10 minutes at room temperature.<br>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.<br>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:** | AK095804.1 |
| **RefSeq Size:** | 2303 bp |
| **RefSeq ORF:** | 2303 bp |