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Product datasheet for SC101986

C5orf24 (AK023102) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C5orf24 (AK023102) Human Untagged Clone
Tag:	Tag Free
Symbol:	C5orf24
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 AK023102, the custom clone sequence may differ by one or more nucleotides

CATAGCTCACTGCATCCTCGAACTCCTGGGCTCAAGCGATCTTCCCACCCCAGCCTCCCGAGGAGCTGAG
ACTACAGGCGCGCGCCACTACTCCCGGCTAATTGTTCAATATTTTTGTGGAAACAGGGATCTTGCTATGT
TCCTATGGTGGTCTTGAGCTCCTTAGCCTCCTAAAGTGTTGGTATCACAGGCGTGAGCCACTGTGCCCGG
CGTTAACAATCTTCTGCCCCAGGGTCGGCCACAGTTGGACAGGAGCACCCTGCCTCCCCTGTAGCATTCG
TCCCCGTGCCCGGAGTTAACTCCTGGACGACGTACACCTGCTGCACTGCTGGATATAGCCATTCTTCATT
TTTCCCTCCTCCACCCACCATGTACACCCCATCAGCAAGTCCCATCCGATATACCCACTACATACATCTG
CCAGCTGTTCCCATCTCCACCCACACCCCGGCCTCCAGCATCTGTCTGGACTGCTGCGGCAGATCCTCAC
TGGTTTCTCTGCTTCCACTCTCGCCCTTCCCCTAGGTCCATTCTCCACGTAGCAGCCAAGGGGATTCTTA
TATTTATTTATTATTTAATTTAGTTTTAGAGACAGGGTCTTGTCCTGATGCCCAGGCTGGAGTACAGTGG
CATGATCATAGCTCACTGTGGCTTCAACCTCTTGGGCTCAAGTGATCCTCCTGCCTCAGGCTCCTGAGTA
GCTGGGACTACAGGTGTGCACCACCACACCTAGGTATTTTTTATTTATTTTATTTTTTGCCTCACACTCT
GCCAAGTCTCAATGCCTGGCTAATTTTAAAAATTATTTTGTAGAGGCCACGTGAGGTGGCTCTCACCTGT
AATCCAGCACTTTGGGAGGCTGAGGCAGGCGGATCATTTGAGGTCAGGAGTTCAAGATTAGCCTGGCCAA
CATGGTGAAAACCCATCTCTACTAAAAATACAAAAATTAGCGGGCGTGGTGGTGGGCACCTGTAATCCCA
GCTACACGGGAGGTTGAGGTGGGATAATCGCTTAAACCCGAGAGGCAGAGGTTGCAGTGAGCCAAGATTG
TGCCACTGCACTCCAGCCTGGGCGACAAAGCTAGACTCTGCCTCAAAAAAACATAATTTTTTTTTTTTGG
TAGAGATGGGGTCTGGGTATGCTGCCCAGGCTGGTCTTAAACCTTGGCTCAAGCAATCCTCTCACCTTGG
CCTCCAGAGTGTTGGGATTACAGGTGTGAGCCACTGCATCTGGCTTGAGTTTTTATCTAAAGCCCCAAAC
ATTAATGAGTCCCTGCTGTGTGCTGATACCCACAACTGACAGCTTATGGCCACACGGTCTGTAGGATAGA
CAAGCCCATAAATAATTCTGTACACAATGGTAAAACAAGAACTGCTGTTGATGTGTGTACCAGAAGGGCA
GTGACATCAGCCTGGAGAGTTGGCCTGGGCCTGGCAGGGAGTAAGGAAAGAATTCTGGGTGCAGAAGACA
GCAAATACCAAGGCCTAAAAAAGAATGAATTATTTGCTGTTTGGGAAATGGAAGCCCACGCTGAGTGCTG
AAGCACAGGGACTCTGCGCAGGAAGAGGAGGGGAAGCAAGAAATGAATTTGGGTCCTTGTGATGGCAGTG
GCTGCTGCCATCACGCTGTGTGGCTAGGGCTGCACACTTCATGGAGCCGGTGGAAGCCCCGTCCCTCATG
AGTTGGGACTGGAGCCGCAAACCGCTGCTGCAGACCCAGGCCTTCTGCTCTATGGAGCAGGCAGGAGCCC
CACCCTCTTGGGCAGGGCTACAGCCACCCAAACTGCAGCTGTGGATCCGAGCCTCTCTGCTCCTGGGGGA
GCCGGGAACAGGCAGAATTTGCCCTTCCAGATGCAGCTGCAGCCGCGCAGGCAGGAGCCAGGGACAAGTG
GGAGCCCTGCCTCTTCCAAGTTGGCGGGGTGGGAGCTCCCAGGTGCAGCTGTGGCTGCCCCCCCAGGCAC
AGGACGAGGGCATCTCTGTAGCCTGCACCATCGGCCATCCCAGGAAGGACAGCCCCCTTCACCCTCCATC
CCTGCAGGCTCAGGGGTGTCTGCTTCCACTGCCTGGCCTCTCTCCACTCCAGCAACTGCTCTGATCTTGG
AGGGGAGTCGGAGCCAAGACCTGCAGCCATGAATGGCAGCAGGAGGAAGGGGGTGGGGTCCCCAGTAAGG
CCCCACCCTCAGGCCAGGGAGGGCCTGAATTCTGGGGGCTGGGCTGCCAGTCCCTCTGACCAGAGTGGAA
ACTCGTGGAGCCTTTTCTGGGCCTGCCAATGGCCCAATCAGCACACACTTCTTCCCCGCTGAGGTCCATA
AAAACCCTAGGCTCAGCCAGAGCAGCGCAGAGAATAGCCAGAGGATGAAGATGGTAGAGACGAGGGGACA
GGATGACCAGCTGCAGAGAGCAGTACCCTCTCTGCTGATAGCTGGAGACGGTGGGGTGACCAGCTACAGA
GAGGAGTACCTTCTCCGCTGAAAGCTACAGAGACCACCTGCCAGCAGAGAGGAGCTACACTCTGCTGCGA
GCTTCAGAGACCTGCAGAGACATTGGAATGACTTGCCTGCGGAGAGGAGCCACTCTCTCCAGGGCCTCCT
CTCTGTTGAGAGCTGAATGATTGAGCTCATGGGACAATCTGTCTCCAGAGAGGAGCTACCCACTCCTCTG
AGCTCTTCTAACACTAAATAAAACTCCTCTTCACCCTT

5' Read Nucleotide Sequence:

>OriGene 5' read for AK023102 unedited
CACGAGGCACAACTGACAGCTTATGGCCACACGGTCTGTAGGATAGACAAGCCCATAAAT
AATTCTGTACACAATGGTAAAACAAGAACTGCTGTTGATGTGTGTACCAGAAGGGCAGTG
ACGTCAGCCTGGAGAGTTGGCCTGGGCCTGGCAGGGAGTAAGGAAAGAATTCTGGGTGCA
GAAGACAGCAAATACCAAGGCCTAAAAAAGAATGAATTATTTGCTGTTTGGGAAATGGAA
GCCCACGCTGAGTGCTGAAGCACAGGGACTCTGCGCAGGAAGAGGAGGGGAAGCAAGAAA
TGAATTTGGGTCCTTGTGATGGCAGTGGCTGCTGCCATCACGCTGTGTGGCTAGGGCTGC
ACACTTCATGGAGCCGGTGGAAGCCCCGTCCCTCATGAGTTGGGACTGGAGCCGCAAACC
GCTGCTGCAGACCCAGGCCTTCTGCTCTATGGAGCAGGCAGGAGCCCCACCCTCTTGGGC
AGGGCTACAGCCACCCAAACTGCAGCTGTGGATCCGAGCCTCTCTGCTCCTGGGGGAGCC
GGGAACAGGCAGAATTTGCCCTTCCAGATGCAGCTGCAGCCGCGCAGGCAGGAGCCAGGG
ACAAGTGGGAGCCCTGCCTCTTCCAGTTGGCGGGGTGGGAGCTNCCAGGTGCAGCTGTGG
CTGCCCCCCCAG

3' Read Nucleotide Sequence:

>OriGene 3' read for AK023102 unedited
TTTNNCTCGTTTAGCTAGNNACCGCGGCCGCATNCTAGNGATCGATTTTTTTTTTTTTTT
TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGAAGGGGGAAAAGGAGTTTTATTTAAT
GTTAAAAAAACTCAAAGGAGTGGGTAGCTCCTCTCTGGAAACAGATTGTCCCATGAGCTC
AAGCATTCAGCTTTTAACAAAAAGGAAGCCCTGGAAAAAGTGGCTCCTCTCCGCAGGCAA
GTCATTCCAATGTCTCTGCAGGTCTCTGAAACTTGCAACAAAATGTAACTCCTCTCTGCT
GGCAGGGGGTCTCTGTAGCTTTCAACGGAAAAAGGACTCCTCTCTGTAGCTGGGCACCCC
ACCGTCTCCAGCTATTAACAAAAAGGGTACCGGTCTTTGCAGCTGGGCATCCTGTCCCCT
CGTCTCTACCATCTTCATCCTCTGGCTATTCTCTGCGCTGCTCTGGCTGAACCCAGGGTT
TTTATGGACCTCAACGGGGAAAAAATGTGTGCTGATTGGGCCATTGGCAGGCCCAAAAAA
GGCTCCACGAGTTTCCACTCTGGTCAAAGGGACTGGCAGCCCAACCCCCAAAATTCAGGC
CCTCCCTGGCCTGAGGGTGGGGCCTTACTGGGGACCCCACCCCCTTCCTCCTGGTGCCAT
TTATGGGTGCAGGTCTTGGCTCCCACTCCCCTCCAAGATCAAAACAATTGCTGGAGTGGA
GAGAGGCCAAGCCGTGGAAGCAAACACCCCTGAACCTGCAAGGATGGAAGGTGAAAGGGG
CTGTCCTTCCTGGGATGGCCCATGGTGCACGCTGCAAAAATCCCTCCTCCTGTGCCTGGG
GGGGGCAGCCACAGGCTCACCCTGG

Restriction Sites: NotI-NotI

ACCN: AK023102

Insert Size: 1500 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.

RefSeq:	AK023102.1
RefSeq Size:	2698 bp
RefSeq ORF:	2698 bp
Locus ID:	134553
Cytogenetics:	5q31.1