

Product datasheet for **SC113568**

C5orf22 (NM_018356) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: C5orf22

Mammalian Cell None

Selection:

Vector: pCMV6-XL5

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC113568 sequence for NM_018356 edited (data generated by NextGen Sequencing)

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ATGAGTGACTCCGCGGGAGGGCGCGCTGGTCTCCGGCGTTACCCCAAGCTCCCAGTGTGG
GTGGTGAGGATCATCAGGAGGTTCTACCCCTTTATATACCGGGCCATAGGCTCAAAGCAT
CTTCCTGCCAGTAATGTAAGTTTTTACATTTTCTGACTCACATCCAGACCTCCTTATTCCCT
GTGAATATGCCAGCAGACACCGTGTGGATAAGGAAACACTCTTTGGAGAATTAAGTATT
GAAAATTGGATTATGCCTGCAGTTTATGCTGGCCATTTTTCACATGTAATATGGTTTCAT
CCCACATGGGCTCAGCAGATCAGAGAGGGCAGACACCACTTTTATAGTAGGCAAGACACT
TCTACCACAACAATCAGGGTTACAAGTACAGATCATTATTTCTAAGTGATGGTCTGTAT
GTACCTGAAGACCAGCTAGAGAACCAAAACCTTTACAATTGGATGTAATTATGGTAAAA
CCTTATAAACTCTGTAACAATCAAGAAGAAAACGATGCAGTGTCTTCTGCTAAGAAACCA
AAGCTAGCCCTGGAAGATTCGAAAAACACTGCCTCTACTAACTGTGACTCTTCTCAGAA
GGACTGGAAAAGGACACAGCAACACAGAGAAGTGACCAGACTTGCCTAGAACCATCATGT
TCATGTTCTTCTGAAAATCAGGAATGCCAGACTGCTGCCAGCACTGGGGAATTCTGGAA
ATTTTGAAGAAAGGAAGGCATTTGTTTTAGATATTGACTTGGATTTTTTTTCAGTCAAG
AATCCCTTCAAAGAAATGTTCACTCAGGAAGAGTACAAAATCTTACAAGAGCTGTACCAA
TTTAAGAAACCTGGCACCACCTAACAGAGGAAGATTTGGTAGATATTGTTGATACTCGA
ATTCATCAATTAGAGGATTTAGAAGCACTTTCGCTGATTTGTGTGATGGTGATGATGAA
GAAACGGTACAGAGATGGGCTTCAAACCTGGAATGGAATCACTAGTTCCTTGTACAG
AGTTTGAAGAAACGGATGGAAGTACCAGACTATGAAATGGTTTACCAGGCTGGTTAAAC
TGCGATTATTCAGAACTTCTCACCATATCAGCACAGAAACAGAAATAGAGTGTCTTATT
CAATCTGTGCATTATTTGCTGAAAAATTTACCAATCTACTCTTGTGACAATTGCAAGG
TCAAGTCTGGATGATTACTGCTTCTGACCAAGTTGACACTATTCAAGAAAAGGTCCTC
AATATGCTACGTGCCCTCTATGGAATCTAGACCTCCAAGTGATGCAGCAGAGTCTCCT
CCATCTTGA
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Clone variation with respect to NM_018356.2



5' Read Nucleotide

Sequence:

>OriGene 5' read for NM_018356 unedited
 TTCAAATTTGTAACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGCGCTTCCGCCC
 GGAGAGAGCTGGCCGGGTTGAGGCGCCGGCTTTCCGGGTCTTCTCCAGCTGCCACCGCT
 TTAATGCAAAACTGACGGGCGCAAAACATGAGTGACTCCGCGGAGGGCGCGCTGGTCT
 CCGGCGTTACCCCAAGCTCCAGTGTGGGTGGTGGAGGATCATCAGGAGTTTCTACCTT
 TATATACGGGCCATAGGCTCAAAGCATCTTCTGCCAGTAATGTAAGTTTTTACATTT
 CGACTCACATCCAGACCTCCTTATTCTGTGAATATGCCAGCAGACACCGTGTGATAA
 GGAAACACTCTTTGGAGAATTAAGTATTGAAAATTGGATTATGCCTGCAGTTTATGCTGG
 CCATTTTTCACATGTAATATGGTTTCATCCACATGGGCTCAGCAGATCAGAGAGGGCAG
 ACACCACTTTTTAGTAGGCAAGACACTTCTACCACAACAATCAGGGTTACAAGTACAGA
 TCATTATTTCTAAGTGATGGTCTGTATGTACCTGAAGACCAGCTAGAGAACCAAAACCT
 TTACAATTGGATGTAATTATGGNTAAAACCTATANNNACTCTGTACATCAAGAAGAAAAC
 GATGCAGTGTCTTCTGCTAAGAAACCAAGGCTAGCCCTGGAAGATTCGGAACACTGNCT
 CTACTAAGTGTACTCTTCTCAGAAGGACTGGAAAAAGACACAGCCACCCAGAGAAGTG
 ACCAGACTTGCCTAAAACCATCATGTTTATGCTCTTCTGAAAATCAGGATGCCAGACTGC
 TGGCAGCACCTGGGAATTTTCGAAAATTTTGAGAAAGGNAGGCATTTGTTTAAAAATTG
 ACTGGGATTTTTTTAATCAAAAATCCCTCAAAGAAAGTT

3' Read Nucleotide

Sequence:

>OriGene 3' read for NM_018356 unedited
 GTACCGCGGCACGCAATCTAGTGTGAGTNTTTTTTTTTTTTTTTTTTTTTTAAAAAG
 CCACTAAAATCCCATGCTTTAATGATATTAGTACACAATTCAAAACACTGTACCACGGTA
 TCCCCTCACTGGTACTCAGAACACAAATGAAACACATCTTGATAAAGTAAATACCTTCCT
 ATTTGGAATGTGCAAGACATAATTTACTAAGTTGATTCTTTCAACTATTAGGGACTGAA
 TTTTATTCTCAAAGAGATGATCACAGAACATGAGAATTAACAAACCTTCTATAAAAGA
 AATGGATGCTTTTATTCAACCTGAGTTAAAACCAATGAATCATATCAGAGTTCATGGG
 AATCATAATAAATGACTAGTAAACCACTCACAAAATCAAAGCTATCAACATACTAGGATC
 ACACACATTAATAGTGCTATAGTTCAAAACATACCCTTTAACTTATTTAGCACGCAAAA
 TAATCATAAAAGTAATGTCTATAAGCTCTAACCAAAAATTTAAAAATTAAGTACAC
 AATTCTACAATTCTGATTTTACCAAGAAAAATAAACCTTTTTTGGCAGATATTATCCTATG
 AAAATGGAAGCTGAGTCAAGCTGCTCTGCTTTTACAGCACAAATAGCATTCTGCTATC
 AGACTTGGGAAATTAACCTGTGACAAAAATCCCTGGAATAGAAATCCTTGAAAAATGGG
 GCCAGGGCCATCACTGGAAGCATGAATATGGGGCTTCGTTTTTACCAAGTAGGCACCC
 CTTTAATTTACTCTGCACTTTTAGAACCTTGTGGAAAGCCGGAATTCACCAAAATGAAA
 AAACGCGTGTGGACTGAAAAAAGGGGTGGGTTCTTAAAGGCCTACCCTTAAGGAAATAA
 CCAGGGGGGGGAAACCGGCCAAAAACCAAAAAACGCCTGAAAAATTTTATTAAG
 TCCAGAGGTTTTTTAGGGGGGGGA

Restriction Sites:

NotI-NotI

ACCN:

NM_018356

Insert Size:

3670 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>NM_018356.1</u> , <u>NP_060826.1</u>
RefSeq Size:	2719 bp
RefSeq ORF:	1329 bp
Locus ID:	55322
UniProt ID:	<u>Q49AR2</u>
Cytogenetics:	5p13.3