

## Product datasheet for SC123202

### C11orf45 (NM\_145013) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C11orf45 (NM_145013) Human Untagged Clone
Tag:	Tag Free
Symbol:	C11orf45
Synonyms:	FLJ43646; MGC35558
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_145013 edited  
 CCCACGCCTAAGGTCCAGGTCCCAGGGCTTTCCCTTGACACCTTCATCCCTGGCCCTGCAG  
 AGGCCTGCTTCTCGCTTCCGGGTCGCCAGAGCGCCCTCCGCCACCCCGCCATCTCTT  
 GGCCGGATCGTGCAGAGAAGGGGAGGAGGTCTGGGGTTTCCAGAGTCCGCGTTTTGTCT  
 AAGAAGCCCGCAGTGATGTTGACGCGGCTGGTCCTCAGTGACACCTGAGTAGCACGACCT  
 CTCCGCCCTGGACGCACGCTGCCATCAGCTGGGAGCTGGACAACGTGCTGATGCCTAGTC  
 CCAGAATCTGGCCCCAGGTGACTCCAACAGGCAGGTCTGCCTCTGTGAGGAGTGAGGGTA  
 ACACCTCCTCACTCTGGAATTTCTCAGCTGGGCAGGATGTGCATGCCATAGTAACCAGAA  
 CCTGTGAGTCTGTGCTGAGCTCTGCCGCTACACCCACGGCTGTGGCTGTGTGAGGTCTG  
 CCACAAACATTACCTGTGCTCAGTCTCAGGACAACAAGGCAGGCGCCCGGCAGGAAGAGG  
 AGAACTCAATCTGCAAGGCCCATGATAGTAGAGAGGGCCGCTGGGCTACCCCTCAGTG  
 CCCATCAGCCTGGTTCGGTGGTCTAACTAGCCCTGTCTCCTTGCCAATAGCCCTGTGC  
 TCCCCAGCCCCCTCCCCATGCAGACGGCTGCTATGACATCCCTGTTCTTAAAGTGCGG  
 GGTTCTCGCTGCCTTCTCCTCCCTAACTGGCACCCCTGTGCAAACCTGCTGCAGAGAACA  
 GTGTCTTGGGCAGTGCATAGTCTCCAGTTCACCAACAGTAAAAATGGTCTCAATGGGG  
 AGAGATGTCTGACTGCAAGCGCTGAGTCTTCCAGAGGAGGGCTGGAGGGACAGGAGGGC  
 GGATCAGGTGGCCTCCTGAGCTGGTTCCTGGCGCCGATGTAATGGATGCTGATTACCAGC  
 GGTGAGGGCATCGTGAAGGGACTGCAGAGGTGTGCGAGATGAGTGAATGAGGCCCCAG  
 GTGCTGATTTTTATGCCAGGATGCTCCTGGCTGTCATGGGCTCCAGGGGCTCCAGGCA  
 TGCACAGCTCTTCCGCTCTTCTCGAAGCAGAATGCCCCAGAAAGGGCACCTTTACTATC  
 CAGGGTGGCTAGAGTCCGCGGTGGCTGTGCGTGGGGGCTGAGGGCTAGAATCAGGGCAAG  
 GGGCTTTCAGTGAAACGCAGAGCCAGGCAGGGACAGCGCGGATCTCAGAACAGTCTTTGT  
 CAGATGGGACACTTCATCCCCGCGGAGCTGTCCGTGCACACAGCGTTCTCTGATTGCCAA  
 GCTGTTAAGCACTCTGCGGAAGGGAGCTGCTGGGAAGGCGGACGAGGCATCTCAGGTGGG  
 TGAGGGGCTCCGCTGCATCAGCGTTGCTCAGACCCACCATCCCTGGGGAGCTGTCACTGA  
 CGCCAGGTTTCCCTTCTCAGTACATCCTGTGCCTCCTTCTGGGCTGCCTCAGTCCCT  
 CAAAGGGGAGCTCCCCACATGGGTGGGATTATTGTTGAGAACAGTCAGGGTGTTGACGAG



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GATGCAGGACTGAGGTTGCTCCCAGAGTCACTCAGTGTCCCTCGTTTTGCTCGGAGACAT  
 CCTGACCTGGGCAAGCTCTTTAGGGAGCATCTTTCCTGTCTGTGCCGATTCTCCATGGC  
 CTTTGCACCTCTTTTTGCTTTTGTTTTAAACACGTCAATTCATTGCCTGCAGCAGCTT  
 GTACTGCCTTTTGGTTTTCTTTGCAGAACAGCTCTGGAAGTGAAGTGTGTGTGTGTG  
 TTTGCGTGCACACTCTGGACTGGGTGCCTTACACGTGTTAACACACTTGATCAGCTCAG  
 CAACACTGTGGAATAAGTGAATGTGCCATTATTCAGATCAGGAGACTGAGATTCAGAG  
 CAGGGAGGGAACCTGCCAGAGACCACATGGCTTGCAAGCAGCAGAACCTGGGTTTGAAC  
 GACAGCGCCTGACTTCAGAACCACGCTTTCCACCCTCTACTTCACACCCATTGAG  
 TCCAGCCATCTTGGTTCTGAATCATAACCCTGACTCTCCTGGCCACATCCTATGTCCAC  
 ATTACATGTTACTCTACAGGTTACCACCCTGGGTCTCTTTCCTATATAAGAAATAGAAAT  
 ATTTGTGGAAATCCTAATGTTTCATGACATCTCTGCCATTTTATCAGGAAAAATTCTATCC  
 TACCAAATACTGGTATAATGTACTTGGCCCCCTGGATTGGATTGGTATAGGTTAAGAGC  
 AGATATAAGGTCTGAAATAATCCCGGTATTCCTAGTATGTGGAATTATTATCATGGAATC  
 ATAATGGCAGTTTGCACCTCTGTGGGCTCTTCAACTCTGTGTGGCTCAGGAGAATC  
 CTATCACATTAGTCCCCTTTTGTAGTTGGATAGTTGGGCTTGCCAGAAGGCACACAAATT  
 TGGGTTAACTCATTTCCAGGATTCTGGCATTGTAGACACAGAAACACCGACTGTGAAGTT  
 TTATGTAATACAAACACTGGGAGATTTAGCAATAGGCCTGCCAGGCGGCCCTGGCTTCTG  
 GCTGCACAACAAAGGGGGTGGCTGGTGCCAAATGGGGCAACAGAAGGTGAGTTTGGGGC  
 CTGCAGAGCCTCGGGTAGCCAGAGGAGCGAGAGAGTATTGGCTGTTCAATTTAACTCCA  
 TCCTTGGAGGATCCCCACCACAAGCCTAAGGAAGTAATAAACCTCATGCATTATTTTT  
 TGATATCTGGAGAGAAACACGTACCCTAGAAATGCTGTGGACTAATCCATGGTTACTTT  
 GCATTAAGAAACCAAAATACTGAGAGGTACCATAAACACAAAAAGGCAGAGAGAGAA  
 GGATTAATGGTGTTCATGTAAGGATCTTTAAAGGGAGACAGAATTCTAGTCTGAAAGG  
 AGCGCAGGACAGATCTGGCATTCTTGGGAGTTCAATTCTTTGGAGAAAATACAGAGA  
 CAAAAAGACCATTTTGTGGTATTTAAATATCCCTCTGCCAGTGTATCTAAGTGAGTC  
 TAAATATATTCAGCAATTTTTAAAGGGCAGATATTAGGCCGATTCAAGGTATGGAATA  
 TAGATTCGAAAGGGTTAGTGATAGGTGAGTGCCTTTCAGGTAGCTTTGCATCACAGACCA  
 AGCCCATATTGAGGACTGTACGTATGGAGCAGGCCCGTGGAGCTGTGACTGAGTTTCCC  
 AACCTGCCAGGCTCCCATTTGCTTAGGATGAATATTTTTCTGCCCTCCCTGGTGAGCCAC  
 TGTGGGCCACTCGCCACTCCTTACACCCTTCCCTTAAATACCTCGCTTGGCTTACTTGC  
 AAAATCCACATGCATCCTCCTGGATCTCACAGAAGATGTATGAAAAGTCATGGCCATGAA  
 AAGGGCAGGAAATCAAATTAATTAATTTTGTCTTTTCCCACGTTTGTCTGTCTGTC  
 TGGTACTTTTCTTTTTAAGCCTGCCATCTTTGAAAGTGAGCCGCACAGTGATAATCC  
 ATTTTCTTATTGTAACCCACAGTGTATGTATCCACATTAATAATAAAGGGATTA  
 TAATTAATCAAATGAAAAACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_145013 unedited  
 NCGTTCAAATTTGTATACGACTCATATAGGGCGCCGCGATTGAGATCTGGTACCGGTCC  
 GGAATTCCTGGGATCCCACGCCTAAGTCCAGGTCCCAGGGCTTTCCCTTGCACCTTCATC  
 CCTGGCCCTGCAGAGGCCTGCTTCTCGCTTCCGGGGTCCGCAGAGCGCCCTCCC GCCAC  
 CCCGCCATCTCTTGGCCGGATCGTGCGAGAGAAGGGGAGGAGGTCTGGGGTTTCCAGAGT  
 CCGCGGTTTTGTAAAGAGCCGAGTGTGTTGACGCGGTGGTCTCAGTGCACACCTG  
 AGTAGCACGACCTCTCCGCCCTGGACGCAGCTGCCATCAGCTGGGAGCTGGACAACGTG  
 CTGATGCCTAGTCCCAGAATCTGGCCCCAGGTGACTCCAACAGGCAGGTCTGCCTCTGTC  
 AGGAGTGAGGGTAACACCTCCTCACTCTGGAATTTCTCAGCTGGGAGGATGTGCATGCC  
 ATAGTAACCAGAACCTGTGAGTCTGTGCTGAGCTCTGCCGTCTACACCCACGGCTGTGGC  
 TGTGTGAGGTCTGCCACANACATTACCTGTGAGTCTCANGACAACANAGGCAGGCGNGGC  
 CCGGCANGAAGAGGAGA ACTCAATCTGCAAGGCCATGATAGTAGAGAGGGCCGCTGGG  
 CTANCCCCCTCAGTGCCCATCAGCCTGGTTCGGTGGTCTAACTAGCCCTGTCTCCTTNN  
 GCCATAGCCTGTGCTCCCAGCCCCCTCCCCATGCAGACGGCTGCTATGACATCCCCTG  
 TCCTTTAAGTGCNGGTTCTCGCTGCCTTCTCCCTCCTACTGGCACCTGTGCAAACCT  
 GCTGCANAGACAGTGTCTGGGCAGTGCATAGTCTCCAGTTACCAACAGTAAATGGT  
 CTAATGGGAGAGAGTCTG

<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_145013
<b>Insert Size:</b>	3648 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_145013.1</a></u> , <u><a href="#">NP_659450.1</a></u>
<b>RefSeq Size:</b>	3648 bp
<b>RefSeq ORF:</b>	438 bp
<b>Locus ID:</b>	219833
<b>UniProt ID:</b>	<u><a href="#">Q8TAV5</a></u>
<b>Cytogenetics:</b>	11q24.3
<b>Protein Families:</b>	Secreted Protein