

Product datasheet for **SC113051**

C3orf14 (NM_020685) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	C3orf14
Synonyms:	HT021
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC113051 sequence for NM_020685 edited (data generated by NextGen Sequencing)

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ATGACTTCCTTGTTGCTCAAGAAATTCGCCTTTCTAAAAGACATGAAGAAATAGTATCA
CAAAGATTAATGTTACTTCAACAAATGGAGAATAAATTGGGTGATCAACACACAGAAAAG
GCATCTCAACTCCAACTGTTGAGACTGCTTTTAAAAGGAACCTTAGTCTTTTAAAGGAT
ATAGAAGCAGCAGAAAAGTCACTACAGACCAGGATTCACCCACTTCCACGGCCTGAGGTG
GTTTCTCTTGAGACTCGTTACTGGGCATCAGTAGAAGAATATATCCCAAATGGGAACAG
TTTCTTTTAGGAAGAGCACCATATCCTTTTGCTGTTGAAAATCAAATGAAGCAGAAAAT
ACCATTCAAAATGAGGCACAGCGATAA
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Clone variation with respect to NM_020685.3

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_020685 unedited
CCCCGGTCACATATTGTACAGACTCACTATAGGCGGCCGCGATTCCGGCACGAAGGCGGA
GGGCTCAGAGGCGGGCTCGGGCAAGCACTTTAACCTTTTAAAGCCCAACCAGATGAGTTGC
CTGCAGTTTTGGAGGCCTTCAGAGCATTTCACTAGACCTCTGTCTGTGTCGGTCCAGTGT
CTTTAGCCAAGCTTTGATTAAGCATGACTTCCTTGTTTGCTCAAGAAATTCGCCTTTCT
AAAAGACATGAAGAAATAGTATCACAAAGATTAATGTTACTTCAACAAATGGAGAATAAA
TTGGGTGATCAACACACAGAAAAGGCATCTCAACTCCAACTGTTGAGACTGCTTTTAAA
AGGAACCTTAGTCTTTTAAAGGATATAGAAGCAGCAGAAAAGTCACTACAGACCAGGATT
CACCCACTTCCACGGCCTGAGGTGGCTTCTCTTGAGACTCGTACTGGGCATCAGTACAA
GAATATATCCCAAATGGGAACAGTTTCTTTAGGAAGAGCACCATATCCTTTTGCTGCA
CAAAATCAAAATGAAGCAGAAAACACCATTCAAAATGAGGCCACGCGATAACTTCTTAC
ATGCTATTTCAAAAAGCCTGTTTAATAAAGCTGAATGTTAAGGTGTATGTACGTTATTGC
ATGAACTTTTAGAATTAATATGTTCTACTTCTCCGATTATCTCCTATGCGACAGTGAA
CATATGAGAATTTACTGGCAAGTCACATGTTACTACTACTATTTCAACGGCATGAA
TTTGCTTTCTCCCAACCATAGATGTGTCAAACACCAATTTAAAAGGGGCCCTTTATTA
ATAAAATTATCGTCACTGTTGCGAACGTGTTGA
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_020685 unedited <pre> CGGCACGCAATCTAGAATCGAGTTTTTTTTTTTTTTTTTTTTTTTAAAGAGCTCAAGCAGT GGTGGACTGAGGAATCTCAAAGCTGTTAGGGTTGTGACCCAACGCTTTCTGACTGACAG TTTTTTCAGGAATAATGAAATTAGAAGGAAGCGGGAAGGGAAGTTTAAAGATGAAAAGA CAAGAGTGGGGTTATTTGCATTACAAAGTTGGCAATCTTTAAATAACCAAGTCAAAATC CAATAACCTTTCCAGCTCTAAAAGGCATCCTTTTCAAACCAAGTCTGAGTCTTCCTG AAACTGGCTACTTATTGACTGCTTTATAGTTCAGTTCTTTCTGTCTCCAGAACTGCAGA GCTTTGGCTATCTGTGAGGGACAAAATCCTATGAATTTATTTTCTCATAAGTTATTTTGC TAGAGCAGTTTAAAGTGTCATTGCTTTTAAATTTGTTAAAGAAACAATAATGGTTAAAA AAAAAAGAACCATTGTTGATCCTATACCTTGTCCCTAAAAAGTAAGGATTCTAAAAAC TTAACTTAAACCAAGCAACGATACTGCTTAGAGGAGAATGATTGTAATTTTTTTTTT TTTTAAAGCAACACACTCACAACTGACAATAATTTAATTAATAAGAGTCCACCTTTT AATATTCGTGTTTAAACATCTATGGGTTTGGTAGAAAGCAAATTCATGACCTGAAATA GTAGTAGGTGATAACATGTGACTTGCCAGTAAATTCTCATATCTTCACTGCACTTANGA GATAATCGAAGAATATGAACATATTTAATTNCCTAAAGTTCCTGCNATAACCTACATACA CCTTAACATTNCAGCTTATTAACAGGCTTTGAANTACATGTGAAGAAGTCATCGCTGN GCCTCATTTTGATGGGATTTCTGCTCATTTGATCTCACAGCAAGGATATGCGCTNCTAA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_020685
Insert Size:	1420 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_020685.3</u> , <u>NP_065736.1</u>
RefSeq Size:	832 bp
RefSeq ORF:	387 bp
Locus ID:	57415

UniProt ID: [Q9HBI5](#)

Cytogenetics: 3p14.2