

Product datasheet for **SC107243**

ZNF678 (NM_178549) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF678 (NM_178549) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF678
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_178549, the custom clone sequence may differ by one or more nucleotides

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ATGCCAGGACACCCCGAAAGCCGGAACGAGACGCATTCTCACTATGTTGCCAGGCTGGTCTTGAAC
CCTTCCCTCAAGTGATTCTTCTGCCTAATCCTCCCAAAGTTCTTAGATTACAGGGACTACTGGCATTG
TGATGTGGTCATAGAATTCTCTCCAGAGGAGTGGGCATGCCTGGACCCTGCCAGCGAAATTTGTATAGG
GATGTGATGTTTCGAGAACTACAGAAACCTGGTCTCCCTGGCTATTTTATCTTATCCATTCAAGACCTTT
TGCCAGAGCAGGATATGAAAGATTTATGCCAAAAAGTGACACTGACAAGACATAGAAGCTGGGGCCTTGA
CAATTTGCACTTAGTGAAAGACTGGAGAACTGTGAATGAAGGTAAGGGGCAGAAAGAATTGCAATAGA
CTTACTCAATGTTTCATCAACTAAAAGCAAAATCTTTCAATGTATTGAATGTGGCAGAAATTTAGCTGGA
GGTCAATCCTTACTGAACATAAGAGAATTCATACTGGAGAGAAGCCATACAAATGTGAAGAATGTGGCAA
AGTTTTCAATCGATGTTCAAACCTAACAAAACATAAAAAGAATTCATACTGGAGAGAAACCTACAAATGT
GACGAATGTGGCAAAGTTTTTAATTGGTGGTCACAATACTAACCATAAGAAAAATTCATACTGGAGAGA
AACCTACAAATGTGATGAATGTGACAAAGTTTTTAATTGGTGGTCACAATACTAGCCATAAGAAAAAT
TCATAGTGAGAGAGAAACCATACCATGTGAAGAATGTGGCAAAGCCTTTACCCAGTTCTCAAACCTTACA
CAACATAAGAGAATTCATACTGGAGAGAAACCTACAAATGCAAGAATGTTGCAAGCCTTTAACAAAGT
TCTCAAACCTTACTCAACATAAGAGAATTCATACTGGAGAGAAACCTTACAAGTGTGAAGAATGTGGCAA
CGTTTTTAATGAGTGCTCACACCTAACTAGACATAGGAGAATTCATACTGGAGAGAAACCTACAAATGT
GAAGAATGTGGCAAAGCCTTTACACAGTTTGCAAGCCTTACTCGTCATAAAAGAATTCATACTGGAGAAA
AACCTACCAATGTGAAGAATGTGGCAAACCTTTAATCGGTGTTACACCTAAGTAGCCATAAGAGAAT
TCATACTGGAGAGAAACCTACAAATGTGAAGAATGTGGCAGAACCTTTACTCAATCTCAAACCTCACT
CAGCATAAAAGAATTCATACTGGAGAGAAACCTACAAATGCAAGAATGTGGCAAAGCGTTTAAACAAGT
TCTCAAGCCTTACTCAACATAGGAGAATTCATACTGGAGTGAACCCCTACAAATGTGAAGAATGTGGGAA
AGTTTTTAAACAGTGCTCTCACCTAACTAGCCATAAGAGAATTCATACTGGAGAGAAACCTACAAATGT
AAAGAATGTGGCAAAGCCTTTTACCAATCCTCAATCCTTAGTAAGCATAAGAGAATTCATACTGAAGAGA
AACCTACAAATGTGAAGAATGTGGCAAAGCCTTTAACCAGTTCTCAAGCCTTACTCGTCATAAAAGAAT
TCATACTGGAGAGAAACGCTACAAATGTAAAGAATGTGGAAAAGGTTTTTACCAATCCTCAATCCATAGT
AAGTATAAGAGAATTTTACTGGAGAGGAACCTGACAAATGTAAAAATGTGGCAGTCTTTAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_178549 unedited

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GTAATACGACTCACTATAGGGCGGCNCGGAATTCGCACGAGGCTTGCTCCAGCTGGA
GCTTTGGTCCCGTATTCTCGGCTATTTATCCCCAGCTGCGGGAGGCCCTGGTGACTCTGC
TGCTGCAGTGTCTGGTTCCCTGTGACCTGCAGGTAAGTGGGAGTTACATAGCTAAGATGC
CAGGACACCCCGAAAGCCGGAACGGGACTACTGGCATTCACTGATGTGGTCATAGAAT
TCTCTCCAGAGGAGTGGGCATGCCTGGACCCTGCCAGCGAAATTTGTATAGGGATGTGA
TGTTTCGAGAACTACAGAAACCTGGTCTCCCTGGGACTTCCAGGACTATGTTAAAAATAGAA
GCATTGATAATGGGCACAATATCACTTTGCATTGGTGTCTGTGCATTTGAAGGAGCAAAC
ACCTCTACCAAGTTTTTATAAACTGGTTTATACAGCTATTTTATCTTATTCCATTCAAGAC
CTTTTGCCAGAGCAGGATATGAAAGATTTATGCCAAAAAGTGACACTGACAAGACATAGA
AGCTGGGGCCTTGACAATTTGCACTTAGTGAAAGACTGGAGAACTGTGAATGAAGGTAAG
GGGCAGAAAGAATATTGCAATAGACTTACTCAATGTTTCATCACTAAAAGCAAAATCTTT
CAATGTATTGAATGTGGCAGAAATTTAGCTGGAGGTCAATCCTTACTGAACATAAGAGA
ATTCATACTGGAGAGAAGCCATACAAATGTGAAGAATGTGGCANAGTTTTCAATCGATGT
TCANACCTTANCANACATAANAAAAATCATACTGGAGAGAAACCTACAAATGTGACGAATG
TGGCAAGTTTTTAATGGTGGTCACACTAACTACCCATAGAAAAATCT
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_178549 unedited TATGAACCCGCGGCCGAATCTAGNGATCGGTTTTTTTTTTTTTTTTTTTAAAGTGCCAAAN ACCATGTTGACCTTTCTCACAATAAAAAATACTATTGAGGTAAAGCATTTTTAATTGGCT AGAATTAAGCATTTCAAACATCATGTGTACAAGATATATATATGTAGATATAAAATT TTGTCAATTTAAAAATAATTTTAAACACATCATGGAGCGATAGCAATGCTCCAAATACT GAGTCTGCATCTTTTTCATAAACTTAGCTGAAGTATATAGAAAAACGTTTTTATGATTT TTAAAAATGTCTACTTATCAGCCATAAGCATAGAACTCTGATATTTACCAGCATGTTCT AGAACCAGCACAGAACATGGGAGTCACCAAAGGACTCCATGGCTTTCACCTTAAGTTTGG GACACCTGGAGTTTCTGGTGCTGATGCTGATCATATGGACGACATTAAAGAAGCAGGTGG TGCTAACAGTCCCATCTCTGGCCATGGTGTGAACACAGAAATCAGGTTTGCATCCAAAT CACCAAGGAAATATTTCAATCCAAAAGCTCTCTAGATCTCTGAGTTTTTAATACAGAAA ATGACTAAGGAATTGGCTTGTTATGTGATTATTTATATAAACTCTGCAATGTAAGCTGCA TCCATTTAAATAAACATATTGTGATATGAGTAAGAACTTCCCAAGATTCCAGTATCAA TGGGGGAAGAAAAGATATTCCAAAATTTAAATCCACAGAAGCATTTAGAAATTTAATTAA ATTTNGAAAATTAATATNAATGTAACCATAATGTAATGGTTATTTATGGNCTATATATAC ATANACACTAAAATAAGATCTACTGTACACATAAATGTGCTTATGTAATTATAAAAA CAAATTTAACTTTTTGCTTGCTAATGTCTNAGATCCTAGAATTTTTGCTTAAGGGTT CCAATCTGT
Restriction Sites:	NotI-NotI
ACCN:	NM_178549
Insert Size:	6000 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:	<u>NM_178549.2</u> , <u>NP_848644.1</u>
RefSeq Size:	8565 bp
RefSeq ORF:	8565 bp
Locus ID:	339500
Cytogenetics:	1q42.13