

## Product datasheet for **SC127083**

### ZNF614 (NM\_025040) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF614 (NM_025040) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF614
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC127083 sequence for NM\_025040 edited (data generated by NextGen Sequencing)

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ATGATCAAGACCCAGGAATCACTGACCCTGGAGGATGTGGCTGTGGAATTCAGCTGGGAG
GAGTGGCAGCTCCTGGACTGCTCAGAAGAACCTGTACCGGGATGTGATGGTGGAGAAC
TATAACCACCTAGTATCACTGGGGTATCAAAGTACAAACCCAGATGTACTCTCCAAGTTG
GCACATGGACAAGAACCATGGACAACAGATGCTAAAATTCAGAATAAAAAATTGCCAGGA
ATCGGAAAGTTGACAGTCACTGCAAGAGCACTCTCAAACCAAGACTTCTGAAGAGC
GTGCAGCAATGCAATGGACAGAATACACTTAGAAATATTGTACATCTCAGCAAGACACAT
TTTCTATAGTGCAAAATCATGATACATTTGACTTGTACAGAAAAAATTTGAAATCAAGT
TTAAGTTTAATCAACCAGAAGAGAAGACATGGAATAAATAACCCTGTTGAGTTTATTGGA
GGTGAAGAAACACTTCTACATGGTAAGCATGAACGTACGCATACTAAAAGTATGTTTCT
GAAAATGCAAAATGTATCCATACTAAATCCAAGTCTTCAAGCATCAGAGGACTCAGAAA
ATTGAGAAACCCATGCATGCATTGAATGTGAGCAAACCTTCTTAGGAAGTCTCAGCTC
ATTTACCATGAGAACATTTGTATACAAGAGAATCCTGGAAGTGGTCAATGTGAGAAATTA
TCCAGAAGTGTCTGTTCACTAAGCATCTGAAAACCTAACAACAGACAAAATCTGTATA
CCCAATGAATATAGAAAAGGCTCTACTGTGAAGAGTAGTCTCATTACACATCAACAAACC
CATAACAGAAAGAGAAATCCTATATGTGCAGTGAGTGTGGAAGGGCTTTACAATGAAGCGC
TATCTAATTGCTCATCAGCGAACTCATAGTGGAGAGAAACCTTATGTGTGCAAGAAATGT
GGAAAAGGTTTCACTGTGAAGAGCAATCTCATTGTACATCAGCGAACTCATACAGGGGAG
AAACCCATATATGCAGTGAATGTGAAAAGGCTTACCATGAAGCGCTATCTTGTGTGA
CATCAGCGAACTCATACTGGAGAGAAACCTATATGTGCAGTGAATGTGGAAGGCTTT
ACCGTGAAGAGCAATCTCATTGTACATCAGCGCTCCCACACAGGAGAAAAATCTTACATA
TGCAGCGAATGTGAAAAGGCTTCACTGTCAAACGCACCTCGTTATACATCAGCGAACT
CATACAGGAGAGAAATCTTACATATGCAATGAATGTGGTAAAGGCTTACCACAAAGCGC
ACTCTTATTATACATCAGCGAACTCATAACAGGAGAAAAACCTATGAATGCAATGAATGT
GGTAAAGCCTTACAGCAGAAAAATATGCCTCATAACAACATGAGAGATGTCATACAGGAAAG
ACTCCCTTTGTATGTACCGAGTGCAGAAAAATCCTATTCACACAAATATGGCCTCATTACC
CATCAGAGAAATCACACAGGAGAGAAACCTTATGAGTGAATGAATGTGGAAGGCTTCC
ACCACAAAGTCAGTACTCAATGTACATCAAAGAACGCATACAGGAGAGAGGCCGTATGGA
TGCAGTGAATGTGAGAAAGCCTTCTCCACTTATCAAACCTTGTCAAACATAAGAAAATG
CACACAAGAGAAATGGGTAGAATCAGTCAAGTTGAAAACCTCTGTAAATGGAGAGTCACAG
CTCCTTCTTATAAGTGA
    
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Clone variation with respect to NM\_025040.3

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_025040 unedited

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ACTATAGGGCGGCCGCGATTTCGGCAGGAGCCGAGTCTGAACTCGCGATCCCAGGCGAG
CTCCGTTGCTCCTCGCTTCCAGGCTTTACCGCTCAGCTTCCCAGGAGTCCGCGCAG
GAGCGCGTCTGAATAGGAAGCGTTTTTCGGACGTGGATGCGGCGTTTTGTGCTGCCAGTG
GTGCTGAGAGAGTTTCGGCTCGGTCTCAGGTCTGGCTCCCAGAAAGCAAAATAACTCA
AGTGAAGCAATGAAGGAAGAAGAAGGAGTTGCTGGCCTTGGATATCATAATTTCTGGGG
ACAACCTTAAGTGGACACTAATATTTCTGACTAGGAAAACCTTCAAAAACCTTATGGCAA
TGCAGAAGAGACAAGACGTATAGTCCATGTTATCCACTATTTCTGAGCACAGAAGAAA
ATGATCAAGACCCAGGAATCACTGACCCTGGAGGATGTGGCTGTGGAATTCAGCTGGGAG
GAGTGGCAGCTCCTGGACTGCTCAGAAGAACCTGTACCGGGATGTGATGGTGGAGAAC
TATAACCACCTAGTATCACTGGGGTATCAAAGTACAAACCCAGATGTACTCTCCAAGTTG
GCACATGGACAAGAACCATGGACAACAGATGCTAAAATTCAGAATAAAAAATTGCCAGGA
ATCGGAAAGTTGACAGTCACTGCAAGAGCACTCTCAAACCAAGACTTCTGAAGAGC
GTGCAGNATGCAATGGACAGAATACACTTAGAAATATTGTACATCTCAGCAGACACAT
TTNTCCTATAGTGCANAATCATGATACATTTTACTTGTACAGAAAAAATTTGAAATCAG
TTTTAGTTTATCACCAGAAGAGAGACATGGANTTAATACCCTGTGAGTT
    
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<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_025040 unedited GTAGCTNTGNNACCGCGCCGTATNCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTGGA GATTTTACAGCATCTTTATTTATAGCACTTAAAACCAGGAAAACAGTGCAAATATATCTC ATAGGTGAATGGATAAACTACTACATCAAATATGTATACTACTCTCAAATATAAACT TTCATCTGGTTAGATACATGGTGGTAAAAAATAATAAACTACTTTCATCAACTCA TATAAACCTTAGGAGTAATTTGCTGAGTGACAAAAATGCCAAAAGCTTACATACTCTA TCAATAAAAATTCATATAACTTATTTATATAAAATTTATAAAAACCATTTACAAAAACA TTTTATTTTTATCATATTCATGAAATGATGAAATTATACTGATAGGAGAAAAATGGTTGG CAGAGTTAGGTTGGATGGAGTGAAGCATAAAAAGGTAGCATGAGGGACTTTGTGTTCA TTAGTTTTATGTGGTTGCAGTGGTTACACGAATCTGTACATGTAATACAACCTCTAGAG TACAACTAAAAAAGAAAAAACATGTAATAATTCGTCAAATCCAAAATAAGATTAGTAC TTTATAGTATCTACCAATGTTGTTTTCTGGTTTTGATAATTATGGTTATATAGGATAT TTTTACTAGAAATGGTTGAAGGATACTAGCAAAGCCTCTAGACTGCTTTTGCAATTTG AGTTCAAATTTATTTAAGTTGAAGTGGTTTTATAAACTGATCATCTCTATAATCTTAGT TAAGCAAGTCCAATATGTTGTTAATATATTTACCATATTCAGTTTCTTTCTACTTAAG TTTGCTTAAGGACCATTAAAGCTCACAGCCAAGAAAGGAAAGAGCTAATCATATTGGGGT TCTGTTCTGGAGTATTTCTGAACAATTAATTCTCTATTCTCCACACCATTGGTGTCTAA T
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_025040
<b>Insert Size:</b>	4860 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_025040.2</a></u> , <u><a href="#">NP_079316.2</a></u>
<b>RefSeq Size:</b>	4627 bp
<b>RefSeq ORF:</b>	1758 bp
<b>Locus ID:</b>	80110
<b>UniProt ID:</b>	<u><a href="#">Q8N883</a></u>
<b>Cytogenetics:</b>	19q13.41
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

