

Product datasheet for SC100591

ZNF664 (NM_152437) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF664 (NM_152437) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF664
Synonyms:	ZFOC1; ZNF176
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100591 sequence for NM_152437 edited (data generated by NextGen Sequencing) <pre> ATGATCTACAAGTGCCCATGTGTAGGGAATTTTCTCTGAGAGAGCAGATCTTTTATG CATCAGAAAATTCACACAGCTGAGAAGCCCATAAATGTGACAAGTGTGATAAGGGTTTC TTTCATATATCAGAACTTCATATTCATTGGAGAGACCATACAGGAGAGAAGGTCTATAAA TGTGATGATTGTGGTAAGGATTTTAGCACTACAACAAACTTAATAGACATAAGAAAATC CACACAGTGGAGAAGCCCTATAAATGTTACGAGTGTGGCAAAGCCTTCAATTGGAGCTCC CATCTTCAAATTCATATGAGAGTTCATACAGGTGAGAAACCGTATGTCTGTAGTGAGTGT GGAAGGGGCTTTAGTAATAGTTCAAACCTTTGCATGCATCAGAGAGTCCACACCGGAGAG AAGCCCTTTAAATGTGAAGAGTGTGGGAAGGCCTTCAGGCACACCTCCAGCCTCTGCATG CATCAAAGAGTCCACACAGGAGAGAAACCCTATAAATGTTATGAGTGTGGGAAGGCGTTC AGTCAGAGTTCGAGCCTCTGCATCCACCAGAGAGTCCACACTGGAGAGAAACCCTATAGA TGTTGTGGATGTGGGAAGGCCTTCAGTCAGAGTTCGAGCCTGTGCATCCACCAGAGAGTC CACACAGGAGAGAAACCTTTCAAATGTGATGAGTGCGGAAAGGCCTTCAGTCAGAGTACG AGCCTCTGCATCCACCAGAGAGTCCACACAAAGGAGAGAAACCATCTCAAATATCAGTT ATATAA </pre>

Clone variation with respect to NM_152437.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152437 unedited
AATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCCGAGGAGCCTGCTTGC
TGGAAAGGCTTTCTGTCTGATGTGCAGGAGGCAGAATGCCAACTGACTCTTCAAGGGG
CAACTGCAGGGGCTCGAGACCAGCCAGCAGTATCTCATCCTTCGATACAGGGGATATACT
GTACAGTCCTTTTTCTAGAAGTGAGACGTACAAGATTACTCTACAAGAGGAAGATTCCAG
GGGCTCAAAAACGCAAAGGTTTGCACTTTGAGAGCCCCCTTGAATGTTGACAACCTCAGGA
TCTAAAAACAAAGTTCTGTGTTAATGAGTTACAGAATTCACGTGGAAGTCAATGTCACTTT
ATAATCGATAATAACTGAGTGAGGAACACTATGCAGGAAGAAACCTTCGTAGAAAGA
CAGGCAGGGAAGCTTAGGCTGACCTTAACTTACCTAATAGAGCAAGCCTGAGATAGA
CTGCCAAATGGCCAAATAGAGACTCTATGAAATAACAGTCTTGTAAGTGTAGTAATCA
TAAGGAAATTTTCTCCTTGAAATCAGGATACCAATAGGAAAAATGATCTACAAGTGCCC
CATGTGTAGGGAATTTTCTCTGAGAGAGCAGATCTTTTATGCATCAGAAAATTCACAC
AGCTGAGAAGCCCCATAATGTGACAAGTGTGATAAGGGTTTCTTCATATATCAGAACT
TCATATTCATTGGAGAGACCTACAGGAGAGAAGGTCTATAAATGTGATGATTGTGGTAAG
GATTNTAGCACTACCACANNACTTAATAGACATAAGAAAATCCACACAGTGNGAGAAGCC
CTATAANTGNTNACGAGTGTGGCANAGCCCTTTCATTGGAGCTCCCATNNCTCAATCAT
ATGAGAGNTCATACAGGTGANAAACCGTATGTCTGTANTGGGTGGTGAAAGGGGCTTAAN
NTATAGNTCAAATTTGCTGCATCAGAGAGTCCACCGGAAGAGCCCTTAAGT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_152437 unedited
GAATCTATGNACCGCGCCGCACTTCTANGATCAGTTTTTTTTTTTTTTTTTCCCTGTTAT
AAAGCGATTTTATTAAATTGATTTGGACATACTGTAGGTCAAATAATATTTTCTGAAGAT
AACAAATTATGGACTTTAAAGCTCGACATAAAATTAGTAGCTTCAAAGGGTTAGTCATAT
TCCCCAGCAACAGCATGATAAAATAATTCAACTATGTAGAAATATAGAACTCTAGGACTA
GCTGGAAGCTCGGAAATCATTTAGCCTAATGTTCTCATTTTGAAGAGAACTAGACTCAA
AGATTAAGCGATTTGCCCAAGCTCACATACCTAATAGTAATAAGCTAGAAATCAAACCA
ATTTTTCTAAACTAAATTTCTATCAATGATATTTCAACTGGCTATCAACTAAAAGTCT
AGGCTTTTCTCTAATGCTCCACGCTATTGTGACATGAAAGAGTGATAAGACACTACAGTA
AATTGTACTTGTGGAATTCAGGCTGGAAGGGGCTTTGGCAAATAACTAAGCCAGCCCTC
TCTTTGTAAAAAGGAGGAAAAAGTATCTGAAGTGACTTACCAAAAGCTTGTAGCAGAGAT
GTCTGGATTAAATCCAGATATTGACAAATTCACCCCAATCCCATCTCTAGTTTCATG
GCCCCACCACTAAATCATGTGCTCTTTTAAATCTCCCTTATGCGCTGAGGTTTTTAGTA
TACAAAAAACCCCTCCCGTCCAACAGAAAAAATTAATTCAATATGGAAGAAAAATAAA
CCTTCAGTATTTTCTGACTATCTGGGTAGTTCATTTTCAACCTCTAGAACGTTGACAA
ACCCCACTAACCTGTTACCTCTTTAAGAGCTTAAATATCTCTATTTCCCCAAAACTT
CCCGACAAAAGGCTAACTTTGGGAAAT

Restriction Sites:

NotI-NotI

ACCN:

NM_152437

Insert Size:

4400 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_152437.1, NP_689650.1</u>
RefSeq Size:	5125 bp
RefSeq ORF:	4341 bp
Locus ID:	144348
UniProt ID:	<u>Q8N3J9</u>
Cytogenetics:	12q24.31
Domains:	zf-C2H2
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.