

Product datasheet for **SC100419**

ZNF184 (NM_007149) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF184 (NM_007149) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF184
Synonyms:	kr-ZNF3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC100419 sequence for NM_007149 edited (data generated by NextGen Sequencing)

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ATGGAAGATCTGTCTCTCCAGACTCCACCCTTCTCCAAGGGGGACATAATCTACTCTCA
TCAGCCAGTTTTCAGGAAGCGGTGACTTTCAAGGATGTGATAGTGGACTTTACCCAGGAA
GAATGGAAACAGCTGGACCCTGGCCAGAGAGATTTGTTTCAGGGATGTGACATTGGAAAAT
TATACACACCTGGTCTCTATAGGACTCCAAGTTTCTAAACCTGATGTGATTTCCAGTTA
GAGCAAGGGACAGAGCCATGGATCATGGAGCCAAGCATTCCAGTAGGTACCTGTGCAGAC
TGGGAGACAAGACTTGAAAATAGTGTGTGAGCCAGAGCCTGACATTTCTGAAGAAGAG
CTATCTCCAGAGTAATAGTGGAAAAACACAAAAGAGATGATTCTTGAGTTCCAACTTG
CTAGAAAGTTGGGAATATGAAGGCAGTTTAGAGAGACAGCAGGCAAAACACAGACACTG
CCAAAGGAAATAAAGGTAACCGAAAAGACAATACCCAGTTGGGAAAAAGGCCCTGTAAT
AATGAATTTGGGAAAAGTGTCAATGTGAGTTCAAACCTTGTAACACAAGAACCATCTCCA
GAAGAGACCTCTACTAAAAGAAGCATCAAACAGAATTCAAACCCAGTTAAAAAGAGAAA
TCTTGTAAGTGCAATGAATGTGGGAAAGCCTTTAGTTATTGTTTCAGCTCTTATTCGCCAT
CAGAGAACACATACTGGAGAAAAACCTACAAATGTAATGAATGTGAAAAAGCCTTCAGC
CGGAGTGAAAACCTTATAAACCATCAAAGAATTCTACTGGAGATAAACCATATAAATGT
GATCAGTGTGGAAAAGGCTTCATTGAGGGTCCATCTCTTACTCAACATCAAAGAATTCAT
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CCCTTTGAATGCAGTGAATGTGGAAAGGCTTTCAGTTATCTCTCAAACCTTAATCAGCAT
CAGAAAACCTCATACTCAAGAGAAAGCTTATGAATGTAAGAATGTGGGAAAGCTTTTATT
CGGAGTTCATCTCTTGCTAAGCATGAAACAATTCATACTGGAGAGAAAACCTATCAGTGT
CATGAATGTGGGAAAACCTTCAGTTATGGTTCATCCCTTATTCAGCATAGGAAGATCCAT
ACTGGAGAACGACCTTACAAGTGAATGAGTGTGGGAGAGCATTCAACCAGAACATACAC
CTTACACAGCATAAGAGAATTCATACAGGAGCCAAGCCTTATGAGTGTGCTGAGTGTGGT
AAAGCCTTTGACATTGTTTCATCTCTTGCTCAACATCAAAAAACTCACACAGAAGAAAAA
CCCTACCAGTGTAAATAATGTGAAAAGACCTTTAGCCAGAGCTCCCATCTAACTCAGCAT
CAACGAATTCACACTGGGAGAAAGCCCTATAAGTGCAATGAATGTGACAAAGCCTTTAGC
CGGAGCACTCATCTGACTGAACATCAGAATACTCATACTGGAGAGAAAACCTTATAACTGT
AATGAATGCAGAAAGACTTTTAGCCAGAGCACATATCTCATTAGCACCAGAGAAATTCAT
TCAGGAGAGAAGCCTTTTGGATGAATGATTGTGGAAAATCCTTCAGATATCGCTCTGCT
CTCAACAAACATCAGAGACTGCATCCTGGCATATGA

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Clone variation with respect to NM_007149.2
1649 g=>c

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_007149 unedited <pre> TTTGATATACGACTTACTATAGNNGCGCGCCGNAATTCGGCACGAGGGTTGGCGCGCT GGAAGTCCAGTTGCTTCGGCTCCCTGCGTTAGGTCTGGTGGCGGTCAATGCGCTTCCGGA CCCGGGATCAGAGTGTGTGGATCGCTATAGGGGAGGGGAGCTCAGGGTAGACAACCTCA GCGTGTTGCAGATTCCCTGCAAGGGGAGTTAGACATCTGAGTCTAGACCGAGATACCAG CTGAAGGAACGCTGCCTGGCGAACCTGGTGTTCAGTTCCAGAGGAACGGGATGAGCTC CTGAGATGGAAGATCTGCTCTCCAGACTCCACCCTTCTCCAAGGGGGACATAATCTAC TCTCATCAGCCAGTTTTTCAGGAAGCGGTGACTTTCAAGGATGTGATAGTGGACTTTACCC AGGAAGAATGGAACAGCTGGACCCTGGCCAGAGAGATTGTTCAGGGATGTGACATTGG AAAATTATACACACCTGGTCTCTATAGGACTCCAAGTTTCTAAACCTGATGTGATTTCCC AGTTAGAGCAAGGGACAGAGCCATGGATCATGGAGCCAAGCATTCCAGTAGGTACCTGTG CAGACTGGGAGACAAGACTTGAAAATAGTGTGTCAGCCCCAGAGCCTGACATTTCTGAAG AAGAGCTATCTCCAGAGTAATAGTGGAAAAACANAAAGAGATGATTCTTGGGAGNTCC AACTTGCTAGAAAGTGGGAATATGAAGGCAGNTTAGAGAGACAGCAGGCANACCAACAG ACACTGCCAAAGGAAATAAAGGTACCGANAAGACATACCCAGTTGGGAAAAAGCCCTGT NAATATGNAATTGGGAAAAGTGTCAATGGGGAGTTCAAACCCTGTACACAAGAACCATC TCCAGAAGAGACCTCTACTAAAGAAGCATCANACAGAATCANACCAGNNTAAAAGAGATC TCTGTG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_007149
Insert Size:	3000 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_007149.1, NP_009080.1</u>
RefSeq Size:	3095 bp
RefSeq ORF:	2256 bp
Locus ID:	7738
UniProt ID:	<u>Q99676</u>
Cytogenetics:	6p22.1
Domains:	KRAB, zf-C2H2

Gene Summary:

The protein encoded by this gene is predicted to be a Kruppel C2H2-type zinc-finger protein family member. Sequence analysis predicts that the protein contains two Kruppel associated box (KRAB) boxes in the N-terminus and highly conserved zinc finger motifs at the C-terminus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2016]

Transcript Variant: This variant (3) uses an alternate splice site in the 5' UTR compared to variant 1. Variants 1, 2, and 3, encode the same isoform (1).