

Product datasheet for **SC108107**

ZNF383 (NM_152604) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ZNF383
Synonyms:	HSD17; Zfp383
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF:

>OriGene ORF within SC108107 sequence for NM_152604 edited (data generated by NextGen Sequencing)
 ATGGCTGAGGGATCAGTGATGTTCACTGATGTGTCCATAGACTTCTCTCAGGAGGAGTGG
 GACTGGCTGGACCTGTTTCAGAGGGACTTATACAGAGATGTGATGTTGGAGAACTACGGC
 AATCTGGTTTCAATGGGACTTTACACTCCTAAGCCTCAAGTGATCTCCTTATTGGAACAA
 GGGAAAGAGCCCTGGATGGTTGGCAGAGAGCTTACAAGAGGCTGTGTTGAGATCTGGAA
 TCGATGTGTGAAACCAAGTTATTATCTCTAAAGAAGGAAGTTTATGAAATAGAATTATGC
 CAGAGGGAGATAATGGGACTTACAAAGCATGGCCTTGAGTACTCCAGTTTTGGAGATGTT
 TTGGAATATAGAAGCCACCTTGCAAAACAAGTGGGATATCCAAATGGGCATTTTATGTC
 GAAATATTTCACTCCTGAATACATGCCACATTTATTCAACAGACATTCTTACTCTCCAT
 CAAATAATTAATAATGAAGACAGACCCTATGAATGTAAGAAATGTGGAAGGCCTTTAGT
 CAGAACTCACAATTTATTCAACATCAGAGAATTCATATTGGTGAAAAATCTTATGAATGT
 AAAGAGTGTGGGAAATCTTTAGTTGTGGTTCACATGTTACTCGGCATCTGAAAATTCAT
 ACTGGCGAAAAACCTTTGAATGTAAGGAATGTGGAAGGCCTTCAGTTGTAGCTCATAC
 CTTTCTCAACATCAGAGAATCCATACCGTAAGAAACCTATGAATGTAAGGAATGTGGG
 AAGGCCTTTAGTTATTGCTCAAATCTTATTGACCATCAGCGAATTCACACTGGTGAAAAA
 CCTTATGAATGTAAAGTATGTGGGAAAGCCTTTACTAAGAGCTCACAACCTTTTTCAGCAT
 GCACGAATTCATACAGGTGAGAAACCTATGAATGTAAGGAATGTGGCAAGGCCTTTACC
 CAGAGCTCAAAGCTTGTTCACATCAGAGAATTCATACTGGTGAGAAACCTATGAGTGC
 AAGGAATGTGGCAAGCCTTTAGTAGTGGCTCAGCACTTACTAATCATCAGAGAATTCAC
 ACTGGTGAGAAACCTATGATTGTAAGGAATGTGGAAGGCCTTTTACTCAGAGCTCAGAG
 CTTCTGTCACATCAGAGAATTCACGCTGGTGAGAAACCTTTGAATGTCTTGAATGTGGG
 AAGGCCTTTACTCAGAACTCACAACCTTTCCAGCATCAGAGAATTCATACAGATGAAAAA
 CCATATGAATGTAATGAATGTGGAAGGCCTTTAATAAATGCTCAAACCTTACTCGACAT
 CTGAGAATTCACACTGGTGAAAGCCTATAACTGTAAGGAATGTGGAAGGCCTTTAGT
 AGTGGCTCGGATCTCATTCGTCATCAGGAATTCATACTAATAAATAA

Clone variation with respect to NM_152604.1

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_152604 unedited
 TAATACGACTCACTATAGGGCGGCGCGAATTCGGCACGAGGGCGCGGTGAGCGGCCTGG
 GTCTTTCAGGCTCGGCTGGGGCCCGCAGGAGAACGGCCTCAAGGAAGACTAACCATCTGC
 AATACTAGAAGCCATGGCTGAGGGATCAGTGATGTTCACTGATGTGTCCATAGACTTCTC
 TCAGGAGGAGTGGGACTGCCTGGACCCTGTTTCAGAGGACTTATACAGAGATGTGATGTT
 GGAGAACTACGGCAATCTGGTTTCAATGGGACTTTACACTCCTAAGCCTCAAGTGATCTC
 CTTATTGGAACAAGGGAAGAGCCCTGGATGGTTGGCAGAGAGCTTACAAGAGGCCTGTG
 TTCAGATCTGGAATCGATGTGTGAAACCAAGTTATTATCTCTAAAGAAGGAAGTTTATGA
 AATAGAATTATGCCAGAGGGAGATAATGGGACTTACAAAGCATGGCCTTGAGTACTCCAG
 TTTTGGAGATGTTTGGAAATATAGAAGCCACCTTGCAAAACAAGTGGGATATCCAAATGG
 GCATTNTAGTCAAGAAATATTCACTCCTGAATACATGCCACATTTATTCAACAGACATT
 CTTACTCTCCATCANATAATTAATAATGAAGACAGACCCTATGAATGTAAGAAATGTGG
 AAAGGGCCTTTAGTCAGAACTCACAATTTATTNCACATCAGAGAATTCATATTGGTGAAA
 AATCTTATGAAATGTAAGAGTGTGGGAAATCTTTANTTGTGGNTCACATGNNTACTCGC
 ATCTGAAANTCATCTGGCGANNACCTTTGATGTANNNGATGTGNAAGCCCTCAGTGT
 AGCTATACCTTCTCACATCAGAGATCCTACCCGTAGAACCCTATGATGTAGGGATGTGGAG
 GCCTTA

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_152604 unedited CGTTGAACGCGCCGCTATCTAGGATCGAGTTTTTTTTTTTTTTTTTATGCTGAAAAT AATAAAATCTATATTTACTGAAATGGCACTCATGAAATCTTTGGCATGATAAAGCAGT TAAGGGTACAGCATGCATATCATAATTACACTTTCTTAAAAAAGCAAAGTATAGCACGAT TTTCTCTACCAAATTGAGAGCAGCCATCTATAAGTATGATTACAATTAATTTTGGCTTTT TAGTTTGTAATTTTTGCTTTGTGATTTTGGCTTAACAATTAATAATTTGACATTTGAAA ATAAAAAGACCGCGCCGAGTGGCTCACGCCTGTAATCCAGCACTTTCCGAGGCCGAGGC GGGTGGATCACCTGAAGTCGGGAGATTGAGACCATCCTGGCTAACATGGTGAAACCCCGT CTCTACTAAAAATACAAAAAATTAGCCGGGTGTTGTGGCACATGCCTGTAATCCCAACTA CTCAAAAGGCTGAGGCAGAAGAACCCTTGAACCTGGGAGGCGAAGGTTGTGACGAGCCG AGATTGCACCATTTGCACTCCAGCCTAGGCAACAAGAGCGAACTCCGCTCAACAAANAA TAAAGCCAGGTGCAATCGCTCATGCCTGTAATCCAGCACTTTGGGAGGCTGAGGCAGGT GGATCACCTGAGGTGAGGAGTTCAAGACTATCCTGACCAACATGGAGAAACCCTGTCTCT ACTAAATAGAAAAATAGCAGGGTGTGGTGGCACACGCCTGTGATCCAGCTACTCAGGA GTCTGAAGCAGGAGAATTGCCTTGAACCCGCGAGGTGGAGTTGGANAGGCCGAGATTGC CCCCTGCCTCCAACCGGGCAAAAAATAAATTCGCCTCNAACCTTTTATATTTGATTAAA TAACCAAAGGCTACCTACCTCAAAACAAGTTAACCTCCCAG
Restriction Sites:	NotI-NotI
ACCN:	NM_152604
Insert Size:	2750 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_152604.1, NP_689817.1</u>
RefSeq Size:	1694 bp
RefSeq ORF:	1428 bp
Locus ID:	163087

UniProt ID: [Q8NA42](#)

Cytogenetics: 19q13.12

Domains: KRAB, zf-C2H2

Protein Families: Transcription Factors

Gene Summary: The protein encoded by this gene is a KRAB-related zinc finger protein that inhibits the transcription of some MAPK signaling pathway genes. The repressor activity resides in the KRAB domain of the encoded protein. [provided by RefSeq, Sep 2016]
 Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 1. All four variants encode the same protein.