

## Product datasheet for **SC120514**

### ZNF160 (NM\_033288) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF160 (NM_033288) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF160
Synonyms:	F11; HKr18; HZF5; KR18
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene ORF within SC120514 sequence for NM\_033288 edited (data generated by NextGen Sequencing)

```

ATGGCCCTTACTCAGGTACGGTTGACATTTAGGGATGTGGCCATAGAATTCTCTCAGGAG
GAGTGGAAATGCCTGGACCCTGCTCAGAGGATCTTATACAGGGACGTGATGTTGGAGAAC
TACTGGAACTTGTCTCTGGGACTGTGCATTTTGATATGAATATTATCTCCATGTTG
GAGGAAGGAAAGAGCCCTGGACTGTGAAGAGCTGTGTGAAAAATGCAAGAAAACCAAGA
ACGCGGGAATGTGTCAAAGGCGTGGTACAGATATCCCTCCTAAATGTACAATCAAGGAT
TTGCTACCAAAAAGAGAAGCAGTACAGAAGCAGTATTCCACACAGTGGTGTGGAAAGA
CACGAAAGCCCTGACATTGAAGACTTTTCTTCAAGGAACCCAGAAAAATGTGCATGAT
TTTGAGTGTCAATGGAGAGATGACACAGGAAATACAAGGGAGTGCTTATGGCCAGAAA
GAAGGTAAAAGAGATCAACGCGACAGAAGACATAGAAAAACAAGCTTATGAACAATCAG
CTTGAGTAAGCTTTCATTCTCATCTGCCTGAAGTGCAGCTATTTCAAGGTGAGGGGAAC
ATGTATGAATGTAATCAAGTTGAGAAGTCTACCAACAATGGTTCCTCAGTGTCCACTT
CAACAAATTCCTTCTAGTGTCAAACCCACAGGTCTAAAAAATATCATGAACTTAACCAT
TTTTCTTACTCACACAAAGACGAAAAGCAAACAGTTGTGAAAAACCTTATAAATGTAAT
GAATGTGGCAAGCGTTCACTCAGAATTCGAACCTTACAAGTCATAGGAGAATTCATAGT
GGAGAGAAGCCTTACAAATGCAAGTGTGCGGCAAAACCTTTACTGTTCCGTTCAAATCTA
ACTATTCATCAGGTATCCATACTGGAGAAAAACCTTACAAATGTGATGAGTGTGGCAAG
GTCTTCAGGCACAATTCATACCTTGCAACTCATCGGCAATTCATACTGGAGAGAAAACCT
TACAAGTGAATGAGTGTGAAAAAGCCTTTAGAGGACATTCAAACCTAACCTACCCATCAG
TTAATTCATACTGGAGAAAAACCGTTCAAATGTAATGAATGTGGCAAGCTTCTCACTCAA
AATTCACACCTTATAAGTCATTGGAGAATTCACACTGGAGAGAAAACCTTACAAGTGAAT
GAGTGGCGCAAGCCTTTAGTGTTCGTTCAAGCCTAGCAATCCATCAGACAATCCCACT
GGAGAAAAACCTTACAAATGTAATGAATGTGGCAAGTCTTAGGTACAATTCATACCTC
GGAAGGCATCGGAGAGTTCACTACTGGTGAAGAACCTTACAAGTGAATGAATGTGGCAAA
GCCTTCAGTATGCATTCAAACCTAGCTACCCATCAGGTATCCATACTGGAAACAAAACCT
TTCAAATGCAATGAATGCAGCAAGGTTTTCACTCAAATTCACAACCTTGCAAATCATCGA
AGAATTCATACTGGAGAGAAAACCTTACAAGTGAATGAGTGTGGGAAAGCCTTCAGTGT
CGTTCAAGTCTGACTACCCATCAGGCAATCCATTCTGGAGAGAAAACCTTACAATGTATT
GAATGTGGCAAGAGCTTCACTCAAATCAGCCTTAGAAGTCATCGGGGAATTCATTCT
GGAGAGAAAACCTTACAAGTGAATGAATGTGGTAAAGTCTTCGCTCAAACATCACAACCT
GCAAGGCATTGGAGAGTTCACTACTGGAGAAAAACCTTACAAGTGAATGACTGTGGCAGA
GCCTTTAGTGATCGTTCAAGCCTAACTTTTCATCAGGCAATACATACTGGAGAGAAAACCT
TACAAATGTATGAATGCGGCAAGGTTTTAGGCACAATTCATACCTTGCAACTCATCGG
CGAATTCATACTGGAGAGAAAACCTTACAAGTGAATGAGTGTGGGAAAGCCTTTAGTATG
CATTCAAACCTAACTACCCATAAGGTATCCATACTGGAGAGAAGCCTTACAATGTAAT
CAATGTGGCAAGGTCTTCACTCAGAACTCACACCTTGCAAATCATCAAAGGACTCACACC
GGAGAGAAAACCTTACCGATGCAATGAGTGTGGGAAAGCCTTCAGTGTTCGTTCAAGCCTA
ACCACCCATCAGGCAATCCATACTGGGAAAAACCTTACAATGTAATGAATGTGGCAAG
GTCTTTACTCAAATGCTCACCTGGCAAATCACCGAAGAATTCATACTGGGGAGAAAACCT
TACAGGTGTACAGAGTGTGGGAAAGCCTTAGGGTAAGATCAAGTCTAACTACCCATATG
GCAATCCACACTGGAGAAAAGCCTTACAATGTAATGAGTGTGGCAAGGTCTTCAGGCAG
AGTTCAAATCTTGCAAGTCATCAGAAATGCATACCGGAGAGAAAACCTTACAATGA

```

Clone variation with respect to NM\_033288.3  
 245 c=>g;600 a=>c

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_033288 unedited  
 NGTTCAAATATTTGTATACGACTCACTATAGGGCGGCCGCGNATTCGGCACGAGGGTTCC  
 TCTGTGTAGACTCAACCTGCGCCTCGCCGTCCTCCCATTCGCACACCCGATGCCCGGGGT  
 CGCTACGGACTTAAAACTCCGCACCGCACCTCCACCTCAGAAACGTTCTTGGATCCGA  
 ACCTGCCCCCTGACGACCTAGAGAGATCCCGGCTCCAGCCACTGAGTGGCTTCAGCC  
 TCGCTGGCACCTCCCACTCTGGCCTCTCTGCACGAGGCGCTGCCCGGGCCCCGCT  
 ACAGGGGACCCAGCTCTTCTTGACGCCACTGGAAGCTGATCACCTGGAGTGAAGACCTCA  
 CACGAAGAAGTCTGGAAGAAGAGGAAAGAGAAAAGAAAGAGTACGGGATGGCCCTACT  
 CAGGTACGGTTGACATTTAGGGATGTGGCCATAGAATTCTCTCAGGAGGAGTGGAAATGC  
 CTGGACCTGCTCAGAGGATCTTATACAGGGACGTGATGTTGGAGAACTACTGGAACCTT  
 GTTTCTCTGGGACTGTGTCATTTTGTATGAATATTATCTCCATGTTGGAGGAAGGGAAA  
 GAGCCCTGGACTGTGAAGAGCTGTGTGAAAATAGCAAGAAAACCAAGAACGCGGGAAATGT  
 GTCAAAGCGTGGTCACAGATATCCCTCCTAAATGTACAATCAAGGATTTGCTACAAAA  
 GAGAAGAGCAGTACAGAAGCAGTATTCCACACANGTGGTGTGGGAAAGACACGAAAGCC  
 CTGACATTGAAGACTTTTCTTCAGGAACCCANANAAAGTGCATGATTTTGAAGTGTCAA  
 TGGAGAGATGCACAGNAATTACAAGGGAGTGCTTATGGCCAGAAAGAAGTAAAAGAGA  
 TCACGCGACAGAGAGACTAGANACAGC

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_033288 unedited  
 CACTCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGGTTAGGTTTTTGGAGAACGAGTTTCGT  
 TCCTGGTGGCCAGGCTGGAGTGAATGGAATGATCTCCATTAATAGAACCTCTGCCTCTT  
 GGATTCAGCAATTCTCCTGCCTCAGCCTCCCAAGTAGCTGAGACTACAGGCATGCACCA  
 CTAAGCCAGCTAAGTTTGTATTTTAGTAGAGATGGGGTTTCACTATGCTGGCCAGGCT  
 GGTCTCTCCTGACTTCAGGTGATCTGCTTGCCTTGGCCTCCCAAAGTACTGGGATTACAG  
 GTGTGAGCCACCGTGCCTGGCCTGATTTATATTTCTCGCATTCTACTATGATTTTTAC  
 TTCATGGAACCAAGATGCATAGCATGGGTCTTATTTGGCACACAAGAACTGATGTGGA  
 AATATAAATGTGGTGCATATGCATCAATGGCAATGCAGATTTTGGGGTGAAGAATGT  
 GAAATTAACCTTCAGTAAGATTTTCAATATACCCAATAAGTATCCTAAGCCACAGTGTG  
 GGGCACGTAATCAAGCACAAAATGCGGTTATAGGTTTCCAAAAGTGCCTTATTTGATTT  
 CACCATGAAAAAATGCTCTTGATCGCTTAAGAGCCTAGTGGTACTGCTATTGTGTT  
 ATGGAGTATCCTACTGAGACAGGATAAACTATGTTGGCAGAAAGAATGTGATTCAATTCA  
 TAGAGATAAACCTNCTATCTTATTAGTAAAACACTATATCTATGATACATGCTGGATAAA  
 ACATTAGCAAAAAGTGTCTCAAGCACGATATGGGAGTTCTACTAAAGAATATGGTACTCT  
 ACCTTCTGTGATTAACCTCTCACTCTGACAACACTCTCTCCCCAGGTTTTCTTTTCC  
 TCTTTAAATGGAGTTGGTTCTCTGTGCCAAGCCGGGATGGCAAGGGCTGATCCTGGGT  
 CACCACAACCTCGGCTGCGGGTTAGCACCTTTCGTGCCTAGCTCCCAAGTGGCTGGGT  
 ACACGCCCTGCCN

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_033288

**Insert Size:**

4890 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:** [NM\\_033288.2](#), [NP\\_150630.2](#)

**RefSeq Size:** 4895 bp

**RefSeq ORF:** 2457 bp

**Locus ID:** 90338

**UniProt ID:** [Q9HCG1](#)

**Cytogenetics:** 19q13.41-q13.42

**Domains:** KRAB, zf-C2H2

**Protein Families:** Transcription Factors

**Gene Summary:** The protein encoded by this gene is a Kruppel-related zinc finger protein which is characterized by the presence of an N-terminal repressor domain, the Kruppel-associated box (KRAB). The KRAB domain is a potent repressor of transcription; thus this protein may function in transcription regulation. Multiple transcript variants have been found for this gene. [provided by RefSeq, Apr 2016]  
Transcript Variant: This variant (1), as well as variants 2-12, encodes isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.