

Product datasheet for **SC115693**

ZNF175 (NM_007147) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF175 (NM_007147) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF175
Synonyms:	OTK18
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_007147, the custom clone sequence may differ by one or more nucleotides

```
ATGCCTGCTGATGTGAATTTATCCCAGAAGCCTCAGGTCCTGGGTCCAGAGAAGCAGGATGGATCTTGCG
AGGCATCAGTGCATTTGAGGACGTGACCGTGGACTTCAGCAGGGAGGAGTGGCAGCAACTGGACCTGC
CCAGAGATGCCTGTACCGGGATGTGATGCTGGAGCTCTATAGCCATCTCTTCGCAGTGGGGTATCACATT
CCCAACCCAGAGGTCATCTTCAGAATGCTAAAAGAAAAGGAGCCGCGTGGAGGAGGCTGAAGTCTCAC
ATCAGAGGTGTC AAGAAAAGGGAGTTGGGCTTGAAATCCACAAAAAGGAGATTTCTAAGAAAGCTTCATT
TCAAAAAGGATATGGTAGGTGAGTTCACAAGAGATGGTTCATGGTGTTCATTTTGAAGAAGTGGAGGCTG
GATGCTGACCGCACAAAAGAAAGATGAGCAAAATCAAATTC AACCCATGAGTCACAGTGCCTTTCTTCAACA
AGAAAACATTGAACACAGAAAGCAATTGTGAATATAAGGACCTGGGAAAATGATTCGCACGAGGCCCA
CCTTGCTTCTTCACAGAAACAACCTCAGAAATGTTGCTTATTTACAGAAAGTTTGAAGCTGAACCTAGAA
GTGAACGGTCAGAATGAAAGCAATGACACAGAACAGCTTGATGACGTTGTTGGGTCTGGTCAGCTATTCA
GCCATAGCTCTTCTGATGCCTGCAGCAAGAATATTCATACAGGAGAGACATTTTGCAAAGGTAACCAAGT
TAGAAAAGTCTGTGGCCATAAACAGTCACTCAAGCAACATCAAATTCATACTCAGAAAGAACAGATGGA
TGTTCTGAATGTGGGGGAGCTTCACCCAGAAGTCACACCTCTTTGCCAACAGAGAATTCATAGTGTAG
GAAACCTCCATGAATGTGGCAAATGTGGAAAAGCCTTCATGCCACAATAAACTCAGTGTATATCTGAC
AGATCATAACAGGTGATATACCCTGTATATGCAAGGAATGTGGGAAGGTCTTTATTCAGAGATCAGAAATG
CTTACGCACCAGAAAACACACTAGAAAAGAAGCCCTATAAATGCCATGACTGTGGAAAAGCCTTTTTCC
AGATGTTATCTCTCTTCAGACATCAGAGAACTCACAGTAGAGAAAACTCTATGAATGCAGTGAATGTGG
CAAAGGCTTCTCCAAAACCTCAACCCTCATTATACATCAGAAAAATTCATACTGGTAGAGACAGTATGCA
TGCAGTGAATGTGGGAAAGCCTTTACCCAGAAGTCAACACTCAGCTTGACCAGAGAATCCACTCAGGGC
AGAAGTCCTATGTGTATCGAATGCGGGCAGGCCTTCATCCAGAAGGCACACCTGATTGTCCATCAAAG
AAGCCACACAGGAGAAAAACCTTATCAGTGCCACAACCTGTGGGAAATCCTTCATTTCCAAGTCACAGCTT
GATATACATCATCGAATTCATACAGGGGAGAAACCTTATGAATGCAGTACTGTGGAAAACCTTCACCC
AAAAGTCACACCTGAATATACACCAGAAAATTCATACTGGAGAAAAGACCCATGTATGCAGTGAATGCGG
GAAAGCCTTCAACCAGAAGTCAATACTCAGCATGCATCAGAGAATTCACACCGGAGAGAAGCCTTACAAA
TGCAGTGAATGTGGGAAAGCCTTCACTTCTAAGTCTCAATTC AAAGAGCATCAGCGAATTCACACGGGTG
AGAAACCTATGTGTGCACTGAATGTGGGAAAGCCTTCAACGGCAGGTCAAATTTCCATAAACATCAAAT
AACTCACACTAGAGAGAGCCTTTGTCTGTTACAAATGTGGGAAAGCCTTTGTCCAGAAATCAGAGTTG
ATTACCCATCAAAGAACTCACATGGGAGAGAAACCTATGAATGCCTTGACTGTGGGAAATCGTTACAGTA
AGAAACCAACAACCAAGGTGATCAGCGAATTCACACGGGAGAAAAGACCTTATGTGTGTTCTGAATGTGG
AAAGGCCTTCAACAACAGGTCAAACCTTCAATAAACACCAAAACAACCTCATACCAGAGACAAATCTTACAAA
TGCAGTATTCTGTGAAAGGCTTTACCAAGCAATGA
```

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_007147 unedited
 GGTTCACATTTGTATACGACTCACTATAGGCGGCCGCAATTCGCACGAGGTGGCCTAGA
 GCGGCCATTTAGCTTCTGTTGTTAAGTGGATCTAAGCCTATGTCGCTTACTGGACGCTGA
 AGTGATTGGGAATATTAGCAGTGGGGTTCTGTAGGGTCAGGAAGGGGCGGCTGGCTTTG
 GGGGAGTGATGAGGGCTTGTGGGGTGGGGTGCCTGATAAAGGGATTCTCGGCTGA
 AGACGAGGCTGTGAGGCTTCTGCAGAACCCCAAGTCAGGCCACATCATTGAGGCTGCAG
 GATCTCTTTCATAGCCCAGTACGACTCTCCCGGTGCCCTGGTTGGAAAATCCAAACA
 CCTATCCAGCTTCTGGCTCCTGGGAAAAGTGGAGTTGTCAGCAAGAGAGACCGAGAGTAG
 AAGCCCAGAGTGGAGATGCCTGCTGATGTGAATTTATCCAGAAGCCTCAGGTCCTGGGT
 CCAGAGAAGCAGGATGGATCTTGCAGGACATCAGTGTCAATTTGAGGACGTGACCGTGGAC
 TTCAGCAGGGAGGAGTGGCAGCAACTGGACCCTGCCAGAGATGCCTGTACCGGGATGTG
 ATGCTGGAGCTCTATAGCCATCTTTCGAGTGGGGTATCACATTTCCCAACCCAGAGGTC
 ATCTTCAGAATGCTAAAAGAAAAGGAGCCACGTGTGGAGGAAGCTGAAGTCTCACATCNA
 GAGTGCAAGAAAGGAGTCTGGGCTTGAATCCCACANAAGATTTCTAAGAAAGCTTC
 ATTTCAAAGGATATGGTAGGTGAGTTCACAAGAGATGGTTCATGGTGTCCATTTTANAA
 GAAACTGAGCTGGATGCTGACTGCACAAGNAAGATGAGCAAATCAAATTCACCCATGAG
 TCACAGTGCTTTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_007147 unedited
 ACCGCGGACCGCAATCTAGNACCGAGTTTTTTTTTTTTTTTTTTTGGCGCTCCAATAAACT
 TTATTTTAAAAAACAGTTGGGAGGCCATATTTGGCCAATGGCCACAGTTTGCCGACTCC
 TGGTGTAATAATGAACGAGACTAATGGCTGGCACTAATTATGGAGAGGCTCACTATAA
 ATGGTGGAGATGGAAGGGGGGACAGCTGATCTACTCTACAAGAACAATAATCTGC
 TATATAAAGACCAAGTCCCATATAGAATCTCATTATGCCTTACCACCCACGCACATT
 CCTGCGCTGTACAATCAAGGAGCTAATCACTGCCGCCACACCCTCATTATATTAATATT
 TTCTAGGGCAGATCCTTTTGTAACTCTCATCTACATTTCTTTAAAAAACAACCCCTC
 TGTTACACGCCCTGATATGCCTCGTATTCTGTCTACAACCCCCCGCTCTGCGGCCCTT
 CCCCCATACCCACCTCGCTCGTACGTAATCTTACGTTGCCCATACCCCTCCCTTCTGTC
 CGCCTTGCCCCGCCCCCTTCCATTCCAGTACCCTTCCCCCCTCTGGTCTTGCCC
 CACCTCACTTTTATCCCCCGCTGCATCTTTCTTAACTCTCTTTCTTACCCCAAGG
 CTACCCCTATTGCATCTTTCTTCCCGTATTATTACACCACGGTTCCCCCTCCCCCAA
 TCTATTGCACTCCCCGCTACCTTCATCCGTACCGTAACTACAATCCTACCTCCCCCT
 GTCTCCCGCCATTGCTCCACCCCTGTACAACATCCTCTCATTCCCCCTTTCCCCCTC
 CTCCACCAAGTCCCCCCCCCTTATTTTGGCGCTCCAAGTGGTGCATTTCTAAATCCC
 ATCCCCCCCCCGCTTCTGTCCATACCCCTTTCT

Restriction Sites:

NotI-NotI

ACCN:

NM_007147

Insert Size:

4000 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:	<ol style="list-style-type: none">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_007147.2 , NP_009078.1
RefSeq Size:	3788 bp
RefSeq ORF:	2136 bp
Locus ID:	7728
UniProt ID:	Q9Y473
Cytogenetics:	19q13.41
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	Down-regulates the expression of several chemokine receptors. Interferes with HIV-1 replication by suppressing Tat-induced viral LTR promoter activity.[UniProtKB/Swiss-Prot Function]