

Product datasheet for **SC120693**

ZNF675 (NM_138330) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF675 (NM_138330) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF675
Synonyms:	TBZF; TIZ
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC120693 sequence for NM_138330 edited (data generated by NextGen Sequencing)

```
ATGGGACTGTTGACATTTAGGGATGTGGCCATAGAATTCTCTCTGGAAGAATGGCAATGC
CTGGACTGCACAGCGGAATTTATATAAAAATGTGATTTTAGAGAACTACAGAAACCTG
GTCTTCTGGGTATTGCTGTCTAAGCAAGACCTGATCACCTGTCTGGAGCAAGAAAAA
GAGCCTTTGACTGTGAAGAGACATGAGATGGTGAATGAACCCCAAGTAATGTGTTCTCAT
TTTGCCCAAGAGTTTTGGCCAGAGCAGAACATAAAAAGATTCTTTTGAAAAAGTGACACTG
AGAAGATATGAAAAATGTGGAAATGATAATTTTCAGTTAAAAGGCTGTAAAAGTGTGGAT
GAATGTAAGGTGCACAAGGGAGGTTATAATGGACTTAACCAATGTTTACCAACTATGCAG
AGCAAAATGTTTCAATGTGATAAATATGTGAAAGTCTTTAATAAATTTTACATTAGAT
AGACATAAGATAAAACATATGAAAAATAAACCTTTCAAATGTAAAGAATGTGGCAGATCA
TTTTGCATGCTTTCACACCTAACTCGACATGAAAGAAATTATACCAAGGCGAATTTCTGC
AAATGTGAAGAATGTGAAAAAGCTGTTAACCAATCTTCAAAGCTTACTAAACATAAAGA
ATTTATACTTGTGAGAACTCTACAAATGTCAAGAATGTGACAGAATTTTAAACCAATTC
TCAAACCTTACTGAATATAAAAAAGATTATGCTCGAGAGAAACCATACAAATGTGAAGAA
TGTGGCAAAGCCTTTAACCAATCTCACACCTTACTACACATAAGATAATTCATACAGGA
GAGAAACCTACAAATGTGAAGAATGTGGCAAAGCCTTTAACCAATCTCAAATCTTACT
ACACATAAAAAATTCATACTGGAGAGCAACCCTACATATGTGAAGAATGTGGCAAAGCT
TTTACCAATCTCAACCTTACTACACATAAGAGAATTCATACTGGAGAAAAACCTAC
AAATGTGAAGAATGTGAAAAAGCTTTTAAACCGATCCTCAAACCTTACTGAACATAAAAC
ATTCATACTGGAGAGCAACCCTACAAATGTGAGGAATGCGGCAAAGCTTTTAAACCGATCC
TCAAATCTTACGGAACATAGGAAAATTCATACCGAAGAGAAACCTACAAATGTAAAGAA
TGTGGCAAAGCTTTTAAACACTCCTCAGCCCTTACTACACATAAGAGAATTCACACTGGA
GAGAAACCTACAAATGTGAAGAATGTGGCAAAGCTTTTAAACCGATCCTCAAACCTTACT
GAACATAAGAACTTCATACTGGAAAGAAACCTACAAATGTGAAGAATGTGGCAAAGCT
TTTATCCAATCTCAAACCTTACTGAACATAAGAAAATTCATTCTGGAGAGATACCCTAC
AAGTGTGAAGAATGTGGCAAAGCTTTTAAACACTCCTCATCCCTTACTACACATAAAGA
ATTCATACTGGGAGAAACCTACAAATGTGAAGAATGTGGCAAAGCTTTTAGCCGATCC
TCAAACCTTACTGAACATAAGATAATTCATACTGGAGAGAAACCTATAAATGTGAGAGA
TGTGACAAAGCTTTTAAACCAATCTGCAAACCTTACTAAACATAAAAAAATACATACTGGA
GAGAACTACAGAACTGGAAATGTGTGA
```

Clone variation with respect to NM_138330.2
370 t=>g;590 t=>c

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_138330 unedited</p> <pre>GCAGATTTTGTAAACGACTTACTATAGGGCGGCNCGCGAATTCGCACGAGGATTTGGCG GCGCCTTTGTCTCTCGCTGCAGCCGGAGCTCCAGGTCTCGCTTTCAGTCTGTGTCTCT CTGCTCCTAGAGGTCCAGCCTCTGTGGGCTGTGACCTGCAGAAATTGAGAGATCCACAG CTAAGACTCCAGGACCCCTGGAAGCCTAGAAATGGGACTGTTGACATTTAGGGATGTGG CCATAGAATTCTCTCTGGAAGAATGGCAATGCCTGGACACTGCACAGCGGAATTTATATA AAATGTGATTTTAGAGAACTACAGAAACCTGGTCTTCCTGGGTATTGCTGTCTTAAGC AAGACCTGATCACCTGTCTGGAGCAAGAAAAAGAGCCTTTGACTGTGAAGAGACATGAGA TGGTGAATGAACCCCAAGTAATGTGTTCTATTTTGCCCAAGAGTTTTGGCCAGAGCAGA ACATAAAAGATTCTTTGAAAAAGTGACACTGAGAAGATATGAAAAATGTGGAATGATA ATTTTCAGTTAAAAGGCTGTAAAAGTGTGGATGAATGTAAGGTGCACAAGGGAGGTTATA ATGGACTTAACCAATGTTTACCAACTATGCAGAGCAAAATGTTTCAATGTGATAAATATA GTGAAAGTCTTTAATAAATTTTACATTCAGATAGACATAAGATAAAAACATATGGAAAAT AAACCTTTCAAAATGTAAGAATGTGGCAGATCATTTTGCATGCTTTCACACCTAACTCGA CATGAAAGAAATTATACCAAGGCGAATNNTCTGCAATGTGAAGAATGTGAAAAAGCTGT TAACCAATCTTCAAAGCTTACTAAACATAANAGAAATTACTTTGTGAGAAACTTACAA TGCAAGAATGTGACAGAACTTTTAAACCATNCTCAAACCTTACTGATATAAAAAGATAT GCTCGAGAAACCATACAATGTGNAGATGTGC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_138330 unedited</p> <pre>NGGGTCTACTATGNACGGCGCCGATTCTATGATCGATTTTTTTTTTTTTTTTTTTTGCATT TATAATGCTTTTATTAAGTACCAACATTCTGATATTAAGATGTCAACAGATATTAATGGC TATTTTACACTCTTTATATTTGTACAATTTTGTCTTAAGTATAAACGCTTTCCTGTGCAA TAAGGTTTGAGCCTTAATTAACAGTATTGCCAAATTTCTCACACTTGTAGTTTTCTCCAG TATGAATTATCTTACATACAATGAAGTGTGAAAACCATTTAAAGTCTTTGACACATTCTT TACATTTCTAGAATTTTTACCAGTATGATTTCTTTTATTTAGAAAAATTTGAGGTGT TGTCAAAATCATTATCACACATTCCAGTCTGTAGTTTCTCTCCAGTATGATTTTTTTA TGTTTAGTAAGGTTTGCAGATTGGTTAAAAGCTTTGTACATCTCTCACATTTATAGGGT CCACATTTTACATTTGTAGGGTTTCTCCCGATGAATTTCTTTATGTGTAGTAAGG GATGAGGAGTGTTAAAAGCTTTGCCACATTCTCACACTTGTAGGGTATCTCTCCAGAA TGAATTTTCTTATGTTTCAAGTATTTGAGGATTGGATAAAAAGCTTTGCCACATTCTTCA CATTTGTAGGGTTTCTTCCAGTATGAAGTTTCTTATGTTTCAAGTATTTGAGGATCGG TTAAAAGCTTGGCCACATTCTTACATTTGGTAGGTTTCTCTCCAGTGTGAATTTCTT ATGTGTAGTAAGGGCTGGAGAGTGGTTAAAACCTTGN</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_138330
Insert Size:	2300 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_138330.1](#), [NP_612203.1](#)

RefSeq Size: 1870 bp

RefSeq ORF: 1707 bp

Locus ID: 171392

UniProt ID: [Q8TD23](#)

Cytogenetics: 19p12

Domains: KRAB, zf-C2H2

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation. May play a role during osteoclast differentiation by modulating TRAF6 signaling activity.[UniProtKB/Swiss-Prot Function]