

Product datasheet for **SC107583**

ZNF689 (NM_138447) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF689 (NM_138447) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF689
Synonyms:	TIPUH1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_138447, the custom clone sequence may differ by one or more nucleotides

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ATGGCGCCACCTTCGGCTCCGCTCCCTGCGCAGGGACCAGGAAAGGCCAGACCCAGTCGGAAAAGGGGCA
GGAGGCCGAGGGCTCTGAAGTTCGTGGACGTGGCCGTGTACTTCTCCCCGGAGGAGTGGGCTGCCTGCG
GCCCGCGCAGAGGGCCCTGTACCGGGACGTGATGCGGGAGACCTACGGTCACCTGGGCGCGCTCGGGTGC
GCAGGTCCCAAACCAGCCCTCATCTCCTGGTTGGAACGAAACACCGATGACTGGGAACCGGCTGCTCTAG
ATCCGAGGAGTACCCGAGAGGGCTAACAGTCCAGAGAAAAGCAGAACCAGAAAGAAGAATGGGGAGAA
GGAAGTATCCCCCTAAGGAGGCACCCCGAAAGGGGAAGCGAGGCCGGAGGCCAGCAAACCCCGACTG
ATTCCTAGGCAGACGTCCGGGGGCCCATCTGCCCTGACTGCGGCTGTACCTTCCCTGATCATCAGGCC
TGGAGAGCCACAAGTGCGCCAGAAATCTAAAAAGCCTTACCCTTGCCCAGACTGTGGGCGCCGCTTTTC
CTATCCATCCCTGCTGGTCAATCACCAGCGGGCACACTCCGCGAGTGCCTTATGTTTGTGACCAAGTGT
GGCAAACGTTTCTCCAGCGCAAGAACCTCTCCAGCACCAGGTCCATCCATACAGGGGAGAAGCCCTATC
ACTGCCCTGACTGTGGTGCCTGCTTCCGGAGGAGCCGGTCCCTGGCCAATCACCGGACCACACACAGG
TGAAAAACCCACAGTGCCTAGCTGTGGACGTGCTTCCGCTACCCCTCCCTGCTAGCCATCCACCAG
CGTACACACACGGGAGAGAAGCCCTACACTTGCCTCGAGTGAACCGCCGCTTCCGCCAGCGCACGGCCC
TCGTATCCACCAGCGCATCCACACGGGGGAGAAGCCCTACCCGTGCCCGGACTGCGAGCGCGCTTCTC
CTCCTCCTCGCCTGGTCACTACCGGGGTGTGCACTCTGGGAGCGTCCCTATGCCTGCGAGCACTGT
GAGGCCCGCTTCTCCAGCGCAGCAGCTGCTCCAGCACCAGCTTGGCACACCGGAGAGAAGCCCTACC
CCTGCCAGACTGTGGGCGTGCCTTCCGCGGAGCGGCTCCCTGGCCATCCATCGCAGCAGCGCACACAGA
GGAGAAGCTGCACGCTGCGACGACTGTGGTGCCTGCTTGCCTACCCCTCACTGCTGGCCAGCCACCGG
CGCGTGCCTCGGGCAGCGGCCCTATGCCTGCGACCTTGTCCAAGCCTTTGCTCAGTGGAGCCACC
TGGCCAGCACCAGTGTGCACACGGGGGAGAAGCCCTTCCCTGCCTCGAGTGTGGCCGGTGTCTCCG
CCAGAGTGGTCTCTGGCTGTCCACAAGTGTAGCCCCAAGGCCCAAAGTGTAGCCCTAGATCTGCTATC
GGGGCTCCAGTCAGAGGGGCAACGCCATTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_138447 unedited CTATAGGCGGCCGGAATTCGCACCAGGCCATTTTCCCGAAGCATCTTCCGGTGCCTTT CACCCAAGTTCGGGCAGGAGTTTCTGAATAACAGCAAAAGGTTTCCGTTAGCCCCGCGG GCGACCAATTCGATTCCCTCCGGGCTCCCGGCCACGCTCAGCCCTGGTCCGGCAGGG GCTCCTCGATCCCAGGGGCCAGCGCCGAGGGCCGAGGCCTGGAGACGGAAGGCCGT GGCGCCGGCTTCTCGGGTCCCATGGCGCCACCTTCGGCTCCGCTCCCTGCGCAGGGACCA GGAAAGGCCAGACCCAGTCGGAAAAGGGGCAGGAGGCCGAGGGCTNCTGAAGTTCGTGGA CGTGGCCGTGTAATTCTCCCGGAGGAGTGGGGCTGCCTGCGGCCCGCGCAGAGGGCCCTG TACNNGGACGTGATGCGGGAGACCTACGGTCACCTGGGCGCGCTCGGGTGCAGGTCCC AAACCAGCCCTCATCTCCTGGTTGGAACGAAACACCGATGACTGGGAACCGGCTGCTCT AGATCCGAGGAGTACCCGAGAGGGCTAACAGTCCAGAGAAAAAGCAGAACCAGAAAGAA GAATGGNGAGAANGGAAGTATTCCCGCCTAAGGAGGCACCCCGAAAG
Restriction Sites:	NotI-NotI
ACCN:	NM_138447
Insert Size:	5000 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:	<u>NM_138447.1</u> , <u>NP_612456.1</u>
RefSeq Size:	2724 bp
RefSeq ORF:	1503 bp
Locus ID:	115509
UniProt ID:	<u>Q96CS4</u>
Cytogenetics:	16p11.2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the functional protein.