

## Product datasheet for SC333608

### ZNF717 (NM\_001290210) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF717 (NM_001290210) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF717
Synonyms:	OB1; X17; ZNF838
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333608 representing NM_001290210. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**  
 ATGTTTCCAGTGTCTCTGGCTGTTTCCAAGAGCTACAAGAAAAGAATAAATCTCTGGAGTTGGTGTCC  
 TTTGAGGAGGTAGCTGTGCACCTCACCTGGGAGGAGTGGCAGGACCTGGATGATGCTCAGAGGACCTG  
 TACAGGGACGTGATGCTGGAGACCTACAGCAGCCTGGTATCATTGGGGCATTACATTACCAACCTGAG  
 ATGATCTTCAAGCTAGAGCAAGGAGCAGAGCCATGGATAGTAGAAGAAACCCCAACCTGAGACTTTCA  
 GGTGGAAGCAAGAAGCAAGTTTCTCAGGTATTTGCCACAGGAGCCTGGTGGAGCTCCAGGAGGTTGA  
  
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001290210
Insert Size:	345 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).


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**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\_001290210.1

**RefSeq Size:** 1221 bp

**RefSeq ORF:** 345 bp

**Locus ID:** 100131827

**Cytogenetics:** 3p12.3

**MW:** 13.3 kDa

**Gene Summary:** This gene encodes a Kruppel-associated box (KRAB) zinc-finger protein, which belongs to a large group of transcriptional regulators in mammals. These proteins bind nucleic acids and play important roles in various cellular functions, including cell proliferation, differentiation and apoptosis, and in regulating viral replication and transcription. A pseudogene of this gene was identified on chromosome 1. [provided by RefSeq, May 2016]

Transcript Variant: This variant (4) differs in the 5' UTR, and contains alternate 3' exon structure and it thus differs in its 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (c) has a distinct C-terminus and is shorter than isoform a. Variants 4 and 5 encode the same isoform.