

Product datasheet for **SC337599**

ZNF717 (NM_001290209) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF717 (NM_001290209) 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)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001290209, the custom clone sequence may differ by one or more nucleotides

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ATGCTGGAGACCTACAGCAGCCTGGTATCATTGGGGCATTACATTACAAACCTGAGATGATCTTCAAGC
TAGAGCAAGGAGCAGAGCCATGGATAGTAGAAGAAACCCAAACCTGAGACTTTCAGCTGTCCAGATCAT
TGATGACCTTATTGAAAGGAGCCATGAAAGTCATGATAGATTTTCTGGCAAATTGTAATCACCAACAGC
AACACATCAACTCAGGAGAGAGTTGAATTAGGAAAAACATTTAATTTGAACTCAAACCATGTTTTAAATC
TGATTATAAATAATGAAACAGTTCAGGAATGAAGCCTGGGCAGTTTAAATGATTGCCAGAACATGCTTTT
CCCTATTAAGCCTGGGGAGACACAGTCTGGAGAGAAACCTCATGTCTGTGATATAACCAGGAGATCCAC
AGACATCATGAACATCTTACTCAGCATCACAAGATTCAAACCTCTGCTGCAGACTTTTCAATGTAATGAAC
AAGGGAAACCTTCAACACGGAGGCAATGTTCTTTATACATAAGAGGGTTCATATAGTACAGACCTTTGG
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AATGTGTTGAATGTGAGAAACCTCCATTAGCAAATCAGACCTTATGCTACAGTGCAAGATGCCTACTGA
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AGAATTACACAGGGGAAAAGCCCTATGGATGCAATGAATGTGGTAAAACCTTTCGCCGTAAGTCATTCC
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CAAAAAACCTTATGAATGTAATGAATGTGAGAAAACCTTTATCAATAAGTTAAACCTTGGGATACACAAG
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TCAGCACCCATCAGGGAACTCACACAGGAGAGAAACCTTACGTATGTAATGAATGTGAAAAACCTTTCA
TCGCAAGTCATTCTCACCATACACCAGAGAACTCACACGGGGAAAACCGTATGGATGTAATGAATGTG
GAAAAACCTTTTGTGAGAAATCATACCTTATTATACATCAGAGAACTCACACCGGGGAAAAGCCCTATGA
ATGTAATGAATGTGAAAAATCCTTTCATCAGAAGGCAATCTTCAGAAGCATCAAGGTATTCACACGGGG
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GTAATGAATGTAGGAAAACCTTTCTCCAGAAGTCAGGCCTCAGTATACATCAGAGAACACACACAGGAGA
AAAACCTTATGAATGTAAGGAATGTGGGAAAACCTTTTGCCAGAAGTCACACCTCAGCAGGCATCAACAA
ACCCATATAGGAGAGAAATCTGACGTAGCTGAGGCAGGCTATGTGTTCCCTCAAATCACTCTTTTTTCC
CTTGA

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Restriction Sites: Sgfl-Mlul

ACCN: NM_001290209

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:	<u>NM_001290209.1, NP_001277138.1</u>
RefSeq Size:	2976 bp
RefSeq ORF:	2595 bp
Locus ID:	100131827
Cytogenetics:	3p12.3
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 (3) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (b) is shorter at the N-terminus, compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on paralogous alignments.