

Product datasheet for **SC317111**

ZFP57 (NM_001109809) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP57 (NM_001109809) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZFP57
Synonyms:	bA145L22; bA145L22.2; C6orf40; TNDM1; ZNF698
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	<p>>OriGene ORF sequence for NM_001109809 edited ACAGGAAGCCACATCAAACCCTGGGGCCTTTGCTGGGCCTCTCCATCTGCCAGTACTG GGAGGTAGATAGCCCCAGGAAGGAATCCAGTCAGGCCTGGGCACCAGGCCAGGAGTGGAT AAAGCTAGAAAGAGACACCACAGAAGAGAAGATGTTTGAACAGCTGAAGCCAATCGAACC TGTACAGAAGACGCTCCCATGGGTGGGCGAGGTAGCTGCCACCCTGCAGGAAGCCATGAA GAGAGATTGCTGGAGGGAGGCACGGGTGAAGAAGAAGCCAGTCACTTTGAGGATGTGGC AGTGAATTTACCCAGGAAGAGTGGGACTGTCTAGATGCCAGCCAGAGGGTCTTTACCA GGATGTTATGTCGGAACCTTTAAGAATCTAACATCTGTGGCCAGAATCTTTCTGCATAA GCCAGAGCTAATACCAAGCTTGAGCAAGAAGAGGAACAGTGGAGAGAGTTTGTCCATCT CCCAAACACAGAAGGCCTTTCAGAAGGCAAGAAGAAAGAGCTTCGAGAACAACATCCCAG TCTGAGAGATGAGGGGACTAGTGATGACAAGGTCTTCCTTGATGCAGAGGGGCCGGCCA GTGCCCTTATCTGCCCAGCTGGGACTATGGACAGGACCCGGGTGCTTCAAGCATCCCA GGCTGGGCCACCCTTTTTTGTACACCTGTGGCAATGTTTCAGCAGGCGCTCTACCT CTATAGCCACCAGTTTGTTCACAATCCCAAGCTGACTAACAGCTGCAGTCAGTGTGGAA GTTGTTTCGGAGCCCAAGTCCCTCAGCTATCACAGACGCATGCATCTTGGGAGAGGCC CTTCTGTTGCACGTTCTGTGACAAGACCTACTGTGATGCTTCTGGACTAAGTCGTACCCG CCGCGTCCATCTGGGTTACCGGCCCATTCATGCTCTGTGTGGGAAGAGCTTCCGGGA CCAGTCTGAGCTCAAACGCCACCAGAAGATACACCAAAACCAGGAGCCAGTGGATGGAAA CCAGGAGTGTACTTTGAGGATTCAGGCACCCAGGCTGAATTCAGACACCCATCGCCAG AAGCCAGAGGTCCATCCAGGGGCTTTTGGATGTGAACCATGCACCAGTGGCCAGGTCCCA GGAACCCATATTTAGAAGTGAAGGCTCTATGGCCAGAACCAGGCATCTGTACTTAAGAA CCAAGCACCTGTGACCAGGACCCAGGCACCCATCACTGGAACCTCTGTGAGGATGCCAG ATCCAACTCTCATCCAGTGAAGCCCTCAAGACTCAATGTCTTCTGTTGCCCCATTGTTT TTTGACTTTTAGCAAGAAATCCTATCTCTCCAGACACCAGAAGGCCACCTCACAGAGCC GCCCAACTACTGCTTCCATTGCAGCAAGTCTTTCAGCTCATTTTCCAGGCTGGTCAGACA CCAGCAGACCCACTGGAAGCAGAAGAGCTACCTTTGCCCTATCTGTGACCTCTCCTTTGG GGAGAAAGAGGGCCTTATGGATCACTGGAGGGGCTATAAAGGCAAGGACCTGTGCCAGAG CAGCCACCATAAATGCCGGGTGATCCTGGGCCAGTGGCTTGGCTTCTCTCATGATGTCCC CACTATGGCTGGGAGGAATGGAAGCATGGAGGTGATCAATCTCCCCCAGGATCCATAC CCCCAGGAGAAGAGCCCTAAGAGAGAAGGCCTGCAAAGGAGACAAAACAAGGAGGCAGT GAGCATCTTGAACATAAATAAATGGCCTTTCTGACTGAGCTCTTCTTTGTGTTTGTGTT TTCTGAGGACTGACCTCTGGGTAATGAGGCTGGAGTAGAGGGAGACAGGTGCGTGGAT AAGGAAGGAA</p>
Restriction Sites:	Please inquire
ACCN:	NM_001109809
Insert Size:	1900 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001109809.1](#), [NP_001103279.1](#)

RefSeq Size: 1980 bp

RefSeq ORF: 1551 bp

Locus ID: 346171

UniProt ID: [Q9NU63](#)

Cytogenetics: 6p22.1

Protein Families: ES Cell Differentiation/IPS

Gene Summary: The protein encoded by this gene is a zinc finger protein containing a KRAB domain. Studies in mouse suggest that this protein may function as a transcriptional repressor. Mutations in this gene have been associated with transient neonatal diabetes mellitus type 1 (TNDM1). [provided by RefSeq, Sep 2009]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.