

Product datasheet for **SC318131**

ZIC5 (NM_033132) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZIC5 (NM_033132) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZIC5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	Please inquire
ACCN:	NM_033132
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:	<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:	NM_033132.3 , NP_149123.2
RefSeq Size:	4607 bp
RefSeq ORF:	1992 bp



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Locus ID: 85416

UniProt ID: [Q96T25](#)

Cytogenetics: 13q32.3

Protein Families: Transcription Factors

Gene Summary: This gene encodes a member of the ZIC family of C2H2-type zinc finger proteins. The encoded protein may act as a transcriptional repressor. Studies in mouse and Xenopus support a role for this gene in neural crest development. Elevated expression of this gene has been observed in various human cancers and may contribute to cancer progression. This gene is closely linked to a related family member on chromosome 13. [provided by RefSeq, Mar 2017]

Transcript Variant: This variant (1) encodes the protein. 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 transcript alignments.