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Product datasheet for SC332829

Myeloid zinc finger 1 (MZF1) (NM_001267033) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myeloid zinc finger 1 (MZF1) (NM_001267033) Human Untagged Clone
Tag:	Tag Free
Symbol:	Myeloid zinc finger 1
Synonyms:	MZF-1; MZF1B; ZFP98; ZNF42; ZSCAN6
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC332829 representing NM_001267033. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGAGGCCTGCGGTGCTGGGCTCCCCAGACCGAGCACCCCCAGAAGATGAGGGGCCTGTCATGGTGAAG CTAGAGGACTCTGAGGAGGAGGGTGAGGCTGCCTTATGGGACCCAGGCCCTGAAGCTGCACGCCTGCGT TTCCGGTGCTTCCGCTATGAGGAGGCCACAGGGCCCCAAGAGGCCCTGGCCCAGCTCCGAGAGCTGTGT CGCCAGTGGCTGCGTCCAGAGGTACGCTCCAAGGAGCAGATGCTGGAGCTGTTGGTGCTGGAGCAGTTC CTGGGCGCACTGCCCCCTGAGATCCAGGCCCGTGTGCAGGGGCAGCGGCCAGGCAGCCCCGAGGAGGCT GCTGCCCTAGTAGATGGGCTGCGCCGGGAGCCGGGCGGACCCCGGAGATGGGTCACAGTCCAGGTGCAG GGCCAGGAGGTCCTATCAGAGAAGATGGAGCCCTCCAGTTTCCAGCCCCTACCTGAAACTGAGCCTCCA ACTCCAGAGCCTGGGCCCAAGACACCTCCTAGGACTATGCAGGAATCACCACTGGGCCTGCAGGTGAAA GAGGAGTCAGAGGTTACAGAGGACTCAGATTTCCTGGAGTCTGGGCCTCTAGCTGCCACCCAGGAGTCT GTACCCACCCTCCTGCCTGAGGAGGCCCAGAGATGTGGGACCGTGCTGGACCAGATCTTTCCCCACAGC AAGACTGGGCCTGAGGGTCCCTCATGGAGGGAGCACCCCAGGGCCCTGTGGCATGAGGAAGCTGGGGGC ATCTTCTCCCCAGGGGCCGGAGCCGGGGCCGCCCCAGCACTGGGGGCGGGGTGGTTAGGGGCGGCCGTT GCGATGTATGTGGCAAGGTGTTCAGCCAACGCAGCAACCTGCTGA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001267033
Insert Size:	873 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_001267033.1
RefSeq Size:	2694 bp
RefSeq ORF:	873 bp
Locus ID:	7593
UniProt ID:	P28698
Cytogenetics:	19q13.43
Protein Families:	Transcription Factors
MW:	31.5 kDa
Gene Summary:	Binds to target promoter DNA and functions as transcription regulator. Regulates transcription from the PADI1 and CDH2 promoter. May be one regulator of transcriptional events during hemopoietic development.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR and uses an alternate splice site in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform 1.

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