

Product datasheet for **SC328678**

ZNF75 (ZNF75D) (NM_001185063) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF75 (ZNF75D) (NM_001185063) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF75
Synonyms:	D8C6; ZKSCAN24; ZNF75; ZNF82; ZSCAN28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328678 representing NM_001185063. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCGATGAGAGAGCTGAACGCGGATTCATGCTCAAGCCCCAGATGGGGCTATGTGGGAGACTAGT
GGGTCTGTGAAAGAGAACTCCAGTCAGAGTAAGAAATACAGCACAAAAATAGAGAATCTTGGTCCTGAG
AGCGCTTGCAGGCACTTCTGGAGCTTCCGTTATCATGAAGCAACCGGACCGCTTGAGACTATCAGCCAA
CTTCAGAAATTGTCCATCAGTGGCTGAGGCCAGAGATCCACTCAAAGAGCAGATCTTGGAAATGCTG
GTGTTAGAGCAGTTCCTGAGCATTCTGCCAAGGAGACCCAGAAGTGGTGCAGAAGCATCATCCACAG
AATGTCAAACAGGCTCTGGTCTGGTGAATTCTTGCAGAGGGAGCCTGATGGAACAAAGAAATGAGAGT
TTGTTGACATTTGAAGATGTGGCTGTGATTTTTCTGAGGAAGAGTGGCAATTATTGAATCCTCTTGAG
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CTTATTAACACCAGAGAACTCACACAGGTGAGCAGCCTTATACGTGTAGCTTATGCAAGAGAACTTT
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AACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001185063
Insert Size:	1248 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:	<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_001185063.2
RefSeq Size:	3005 bp
RefSeq ORF:	1248 bp
Locus ID:	7626
UniProt ID:	P51815
Cytogenetics:	Xq26.3
Protein Families:	Transcription Factors
MW:	48.4 kDa
Gene Summary:	<p>This gene encodes a protein that likely functions as a transcription factor. The protein, which belongs to the ZNF75 family, includes an N-terminal SCAN domain, a KRAB box, and five C2H2-type zinc finger motifs. Another functional gene belonging to this family is located on chromosome 16, while pseudogenes have been identified on chromosomes 11 and 12. Alternative splicing results in multiple transcripts variants. [provided by RefSeq, Jun 2010]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and lacks two in-frame exons, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.</p>