

Product datasheet for **SC322425**

ZNF3 (NM_032924) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF3 (NM_032924) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF3
Synonyms:	A8-51; HF.12; KOX25; PP838; Zfp113
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322425
 GTGGGTCTGTGACAGGGTCCAACAGGGCCTGGTCCGTGTCCGGTCCCCAAATCTGTCGT
 CCCTGCCCCAGGCATTGGCATCAACAAAAGTCAGAATCCCAGGAACTGAACAGAGGC
 TGCTAAATCCCAGTAATTGCTCCTTTGGCCTTCTAGGGACTGACTTCAAAGAAGGAAGG
 AAAGAATCAGGCAGTGTCTCCTATTCTTTTTAAAACCCGCTCCCCTGAGTCTGCAC
 CCAGGAGACCAGAGACACCTTGCCTTCCATGGAAACTCAGGCTGATCTCGTATCTCAG
 GAACCTCAGGCCCTGCTTGACAGTGTCTTCTTCAAAGTTCCCTGCCTTTCCGACAAG
 GACAGCCTGGGGATGAGATGTTGGCGGCTGCGCTCCTAAAGGCCAAGTCCCAGGAGCTG
 GTAACCTTTGAGGATGTAGCTGTGTAATCATCCGGAAGGAGTGAAGCGTTTGGAACT
 GCTCAGAGGGACCTCTATAGAGATGTGATGCTGGAGAATTACGGGAATGTGTTCTCACTG
 GATCGTGAGACCAGGACTGAAAATGATCAAGAAATTTCTGAAGACACAAGATCACATGGG
 GTCCTACTGGGAAGATTTCAAAGGATATTTCTCAGGGTCTCAAGTTAAAGAAGCCTAT
 GAACGAGAAGTCAGTCTGAAAAGCCGCTGGGAACTCCCCTGGAGAAAGACTGAACAGG
 AAAATGCCAGATTTTGGTCAAGTGACAGTTGAGGAGAAGCTAACCCCAAGGGAGAGAGA
 AGCGAGAAATATAATGATTTTGGGAACAGCTTCACTGTGAATCCAACCTTATCTCACAT
 CAGAGACTCCCCGTGGGAGACAGACCCATAAGTGTGATGAATGTAGCAAGAGCTTAAT
 CGAACTTCAGACCTTATCAACATCAGAGAATCCACACTGGGAAAAGCCCTATGAATGT
 AATGAGTGTGGGAAGGCCTTCAGCCAGAGCTCACACCTTATTCAGCATCAGAGAATCCAC
 ACTGGGAAAAACCTTATGAATGTAGTGATTGTGGGAAAACCTTCAGCTGTAGCTCTGCC
 CTCATTCTGCATCGGAGGATCCACACGGGGGAGAAACCTATGAATGTAATGAGTGTGGG
 AAGACCTTCAGCTGGAGCTCCACCCTCACCCACATCAGAGAATCCACACTGGTGAGAAA
 CCCTACGCCTGCAATGAATGTGGGAAGGCCTTCAGCAGGAGCTCAACCTTATTCACCAT
 CAGAGAATCCACTGGAGAAAACCTATGAATGTAATGAATGTGGGAAAGCCTTCAGC
 CAGAGCTCACACCTCTATCAGCACCAGAGAATCCACACTGGAGAGAAGCCCTACGAATGT
 ATGGAATGTGGAGAAAGTTTACCTACAGTTCAGGCCTTATTCAGCATCAAAGAATCCAC
 ACCGGGAGAAACCCCTATGAATGTAGTGAGTGTGGGAAAGCCTTCAGGTACAGCTCGGCT
 CTTGTTCCGCATCAGAGAATCCACTGGAGAGAAGCCTTTGAATGGGATCGGCATGAGC
 AAAAGCTCCCTCAGAGTTACGACCGAGTTAAATATCAGAGAGTCCACGTGAAAGAGCCAC
 ACACCCATTTTCTCACTTTCCCTGAGTCTCAAGAGCTTTGCCTTACCCTATAAATCTC
 AACAGCTTAGGATGTGTCCCTTTCAACTCAGACTTTTCATTTTAGAGAATGGGGCAGATG
 GGGCAAATCGTTGAATTTTCCAGAAATCACACCAGCCTTAGAAAAGCGTCAAGGCAAGTG
 GATGGCGTGTGGGAATAGAAAGCAGCTCTGGGACCAGTTACCCATTTAGGAAAAGGAGT
 TTGCACTAAACTGTTTTTCTCACAGCAGAGGAACCTTTCCAAGGTGGGGATGGAAGCACA
 GTCGGGACAGAATTCGATGGATTCTTTAGTTGGAGTCCGCGTAGTCAGCACAGACAGCA
 GTGGAAAGGACGCTCTGGGCTCTGTTATTTGCTAGGGAGGGTAAAGGGAGACTATTTCAA
 AGCTACTGTTCTAGTCCAGCTTAAAGTTTCGGTAAGAAACATGCTGTTTTGTTTCATGA
 TTTTCGTTAATATGGAAATTTGGCATTGAGGGATTATTTTATTGAGGGTAGAAGAGATTC
 CAGAATCATCTGTGATGATGGTGTCTTTAGGGCTCTTGAGCAGCCAGACCATGTT
 TCCAAGAGAAACCTGGTATATTGCCAGCAGACCCCTGCCATCCCCCAGTTGTCCTG
 GGGCTGAATGGGCAAATCTGTCCAACAGCTAGTAACCGCTGTGAGGGAGAGGGTCAGA
 AGCACTTAGCGTTGCCTCTGATTGCTGTCTCTTGTCTCTTCCACTCCAATGATG
 AAAATGATTTTCTCTAAATGCCTGGGTAAGGATGCTTTCAAGGAGCTCACTTGGCCTGCT
 TGCCCTGCCCTCTCACCTCTGACACCCAGCCCCAGGAGCCAGACCACTCTGCCTCCACC
 TCTGACTTTCAGCAGCTGAAGATTAATGCAGAGAAAGAGCAAAGCCAAAAGGGAGAAA
 AAAAAACAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_032924

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:	<u>NM_032924.3</u> , <u>NP_116313.3</u>
RefSeq Size:	2837 bp
RefSeq ORF:	1341 bp
Locus ID:	7551
UniProt ID:	<u>P17036</u>
Cytogenetics:	7q22.1
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	Involved in cell differentiation and/or proliferation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 3. Variants 2, 3, 4, 5, and 8 all encode the same isoform (2).