

Product datasheet for **SC314288**

ZNF44 (NM_016264) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF44 (NM_016264) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF44
Synonyms:	GIOT-2; KOX7; ZNF; ZNF55; ZNF58; ZNF504
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF:	>NCBI ORF sequence for NM_016264, the custom clone sequence may differ by one or more nucleotides <pre> ATGGCCCTGTGTTATGGAACCTTTCTGGGGCTACCCTAAGATGCTGGAAGCTGCCAATCTC ATGGAGGGCCTAGTGGATATCGGCCCTTGGGTCACTCTTCCCAGAGGACAGCCTGAGGTG TTGGAGTGGGGCCTCCCAAAGGATCAGGACTCAGTGGCCTTTGAGGATGTGGCTGTGAAC TTCACCCATGAGGAGTGGGCTTTGCTGGGTCCATCACAGAAGAATCTCTACAGAGATGTG ATGCGAGAAACCATTAGGAACCTGAACCTGTATAGGAATGAAATGGGAAACAGAACATT GATGATCAGCACCAAAATCTCAGGAGAAATCCAAGGTGTGATGTGGTAGAGAGATTGGT AAAAGTAAAGATGGTAGTCAGTGTGGAGAAACCTTAAGCCAGATTGCAAAATAGTATTGTA AACAAGAACACTCCCGCCAGAGTAGATGCATGTGGAAGCAGTGTGAATGGAGAAGTCATA ATGGGTCACTTCATCCCTGAATTGCTACATCAGAGTTGATACTGGACACAAACACCGGGAG TGTCATGAATATGCAGAGAAGTCATATACACATAAGCAGTGTGGGAAAGGCTTAAGTTAT CGCCACTCCTTTCAAACATGTGAAAGGCCTCACACTGGAAAGAAACCTATGATTGTAAG GAATGTGGAAAAACCTTCAGTTCTCCTGGAAACCTTCGAAGACATATGGTAGTAAAGGT GGAGATGGACCTTATAAATGTGAATTGTGTGGGAAAGCCTTTTTTGGCCAGTTTATTA CGTATGCATGAAAGAACTCACACTGGAGAGAAACCATATGAATGTAAGCAGTGTTCTAAA GCCTTCCCTGTTTACAGTTCCTATCTAAGACATGAAAAATACACACTGGGGAGAAACCG TATGAATGTAAGCAGTGTCTAAAGCCTTCCCTGATTACAGTTCATATCTAAGACATGAA AGAAGTCACACTGGAGAGAAACCTACAAATGTAACAATGTGGGAAAGCCTTCAGTGTT TCCGGTTCCTTCGAGTACATGAAAGAATTCACACTGGAGAGAAACCTATACATGTAAA CAGTGTGGGAAAGCGTTTTGTCATCTTGGAAAGCTTCAAAGACACATGATAATGCACAGT GGAGATGGACCTCATAAATGTAAGATATGTGGGAAAGGCTTTGATTTTCCTGGTTCAGCA CGAATTCATGAAGGAACCTCACACTCTAGAGAAACCTATGAATGTAAGCAATGTGGGAAA TTGTTATCTCATCGCTCAAGCTTTCGAAGACACATGATGGCACACACTGGAGATGGCCCT CATAAATGCACAGTATGTGGGAAAGCCTTTGATTCTCCTAGTGTATTTCAAAGACATGAA AGGACTCACACTGGAGAGAAACCTATGAATGCAAGCAATGTGGGAAAGCCTTCCGTACT TCCAGTTCCTTCGAAAACATGAAACAACACACTGGAGAGCAACCTATAAATGTAAA TGTGGAAAGCTTTTAGTGATTTATTTCTTTCAAAGTCATGAAACAACACACAGTGAA GAGGAGCCTTATGAATGTAAGGAGTGTGGGAAAGCATTAGTTCTTTAAATACTTTTGT CGCCATGAAAGGACTCACAGTGAAGAAAAATCTTATGAGTGTCAAATTTGTGGCAAAGCC TTCAGTCGTTTCAGTTACTTAAAACTCATGAAAGGACTCACACGCGAGAGAAGCCATAT GAATGTAAGCAATGCAGGAAAGCATTCTTTGGCCCTCTTCTCTTAAGACATGAAAGG ACTCACACTGGAGAAAGACCCTATGAATGTAAACACTGTGGTAAAGCCTTCAGTCGTTCC AGTTTCTGTGAGAACATGAAAGAACTCACACTGGAGAGAAGCCCTATGAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_016264
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:	<u>NM_016264.2, NP_057348.2</u>
RefSeq Size:	3733 bp
RefSeq ORF:	1914 bp
Locus ID:	51710
Cytogenetics:	19p13.2
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. The resulting isoform (2) lacks an internal segment near the N-terminus, compared to isoform 1. Sequence Note: This sequence is assembled by in silico methods with additional support of similarity to paralogous human proteins contained in BC052597.1 and AK024418.1.