

Product datasheet for **SC337351**

ZNF43 (NM_001256651) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF43 (NM_001256651) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF43
Synonyms:	HTF6; KOX27; ZNF39L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001256651, the custom clone sequence may differ by one or more nucleotides

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ATGAGGAGACATGAAATGGTAGCCAAACCCAGTTATGTGTTCTATTTACCCAAGACTTTGGCCAG
AGCAGCATATAAAAGATCCTTTCCAAAAAGCGACACTGAGAAGATATAAAACTGTGAACATAAAAAATGT
ACATTTAAAAAAGACCATAAAAGTGGATGAGTGAAGGTGCACAGAGGAGTTATAATGGATTTAAC
CAATGTTTGCCAGCTACCCAGAGCAAAATATTTCTATTTGATAAATGTGTGAAAGCCTTTCATAAATTTT
CAAATTCAAACAGACATAAGATAAGCCATACTGAAAAAAACTTTTCAAATGCAAAGAATGTGGCAAATC
ATTTTGCATGCTTCCACATCTAGCTCAACATAAAATAATTCATACCAGAGTGAATTTCTGCAAATGTGAA
AAATGTGGAAAAGCTTTAACTGCCCTTCAATCATCACTAAACATAAGAGAATTAATACTGGAGAGAAAC
CCTACACATGTGAAGAATGTGGCAAAGTCTTAAATTGGTCCTCACGCCTTACTACACATAAAAAAATTA
TACTAGATACAACTCTACAAATGTGAAGAATGTGGCAAAGCTTTAACAAGTCTCAATCCTTACTACC
CATAAGATAATTCGCACTGGAGAGAAATTCACAAATGTAAAGAATGTGCCAAAGCTTTAACCAATCCT
CAAACCTTACTGAACATAAGAAAATTCATCCTGGAGAGAAACCTTACAAATGTGAAGAATGTGGCAAAGC
CTTAACTGGCCCTCAACTCTTACTAAACATAAGAGAATTCATACTGGAGAGAAACCTTACACATGTGAA
GAATGTGGCAAAGCCTTAAACCAGTTCTCAAACCTTACTACACATAAGAGAATCCATACTGCAGAGAAAT
TCTATAAATGTACAGAATGTGGTGAAGCTTTAGCCGGTCTCAAACCTTACTAAACATAAGAAAATTTCA
TACTGAAAAGAAACCTACAAATGTGAAGAATGTGGCAAAGCTTTAAGTGGTCTCAAAGCTTACTGAA
CATAAGTTAACTCATACTGGAGAGAAACCTACAAATGTGAAGAATGTGGCAAAGCCTTAACTGGCCCT
CAACCTTACTAAACATAACAGAATTCATACTGGAGAGAAACCTACAAATGTGAAGTATGTGGCAAAGC
GAAATGTGGCAAAGCTTTAGCCGGTCTCAAACCTTACTAAACATAAGAAAATTCACATGAAAAGAAAC
CCTACAAATGTGAAGAATGTGGCAAAGCTTTAAGTGGTCTCAAAGCTTACTGAACATAAGATAACTCA
TACTGGAGAGAAACCTACAAATGTGAAGAATGTGGCAAAGCTTTAACCATTTCTCAATCCTTACCAAA
CATAAGAGGATTCATACTGGAGAGAAACCTACAAAGTGTGAAGAATGTGGCAAAGCTTTACCAATCCT
CAAACCTTACTACACATAAGAAAATTCATACTGGAGAGAAATTCACAAATGTGAAGAATGTGGCAAAGC
TTTTACCAATCTTCAAACCTTACTACACATAAAAAAATTCATACTGGAGAGAAACCTACAAATGTGAA
GAATGTGGCAAAGCTTTAACCAGTTCTCAACTTACTAAACATAAGATAATTCACACTGAGGAGAAAC
CCTACAAATGTGAAGAATGTGGCAAAGCCTTAAAGTGGTCTCAACCTTACTAAACATAAGATAATTC
TACTGGAGAGAAACCTACAAATGTGAAGAATGTGGCAAAGCTTTAACTGTCCTCAACCTTTCTACA
CATAAGATTATTCATACTGGAGAGAAACCTACAAATGTGAAAAATGTGGCAAAGCTTTAACCGATCCT
CAAACCTTATTGAACATAAGAAAATTCATACTGGAGAGCAACCTACAAATGTGAAGAATGTGGCAAAGC
ATTTAACTATTCTCACACCTTAATACACATAAGAGAATTCATACTAAAGAGCAACCTACAAATGTAAA
GAATGTGGCAAAGCTTTCAACCAATATTCAAACCTTACTACACATAACAAAATTCATACTGGAGAGAAAC
TCTACAAACCTGAAGATGTGACAGTGATTTTGACAACACCTCAAACCTTTTCAAACATAAAATAAA
    
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Restriction Sites: SgfI-MluI

ACCN: NM_001256651

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).

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_001256651.1](#), [NP_001243580.1](#)

RefSeq Size: 5122 bp

RefSeq ORF: 2235 bp

Locus ID: 7594

Cytogenetics: 19p12

Protein Families: Transcription Factors

Gene Summary: This gene belongs to the C2H2-type zinc finger gene family. The zinc finger proteins are involved in gene regulation and development, and are quite conserved throughout evolution. Like this gene product, a third of the zinc finger proteins containing C2H2 fingers also contain the KRAB domain, which has been found to be involved in protein-protein interactions. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (6) differs in the 5' UTR, lacks an exon in the 5' coding region and initiates translation at a downstream, in-frame start codon, compared to variant 1. Variants 6 and 7 encode the same isoform (4), which has a shorter N-terminus compared to isoform 1. **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.