

Product datasheet for **SC122314**

ZC3H3 (BC034435) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZC3H3 (BC034435) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZC3H3
Synonyms:	KIAA0150
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC034435 edited
 GGGTGCAGTCCAGCTGCTCTGGACGCTGAGGCCCGGCTTCTCTTGTGGGGTGTGCGATT
 CGGGAGGGCTGAGGGCGCGGCCGAGAGAACGGGGCGGTACCCGCCCGCTGGCCCCGCGG
 TCCCGCCTCTCCTTGCAGTGCAGGCCCCAGCCGCTCTCGGGCGCGCGTGGGGGAGGCG
 GCCCTGCAGGTGCGTACCCGGGGTCCGACACGTGCGGGGTTCTGCGAGCTGAGTCCCC
 GCTGCGGTCTTCAGGCCTTTGTAAGTTGTCAAATTTCCACCGGCCAGCTCATCGAAGC
 TTCTTCCAGCTGTGAACAGGAGGGCCTGTTCCCTAATTTGCCGAAATTTGTTCCAAT
 GCTGGTGTCTGCAAGATGGAGCCAGGAGGAGGCCACAGGTGCTAAAGAGAGCAGTAC
 CCTGATGGAGTCCCTTGCAGGCCGCTGGATCCTGCAGGCAGCTGTAGCCGTTCCCTGGC
 CAGCCGGGAGTGCAGCGCAGCCTGGCCATCATCCGGCAGGCGCGGCAGCGCAGGGAGAA
 GAGGAAGGAGTACTGCATGTACTACAACCGCTTCGGCAGGTGCAACCGTGGCGAGCGCTG
 CCCCTACATCCACGATCCCGAGAAGGTGGCCGTGTGCACCAGGTTTGTCCGGGGCACCTG
 CAAGAAAACGGATGGGACCTGCCCTTCTCCACCATGTGTCCAAGGAGAAGATGCCGT
 GTGCTCTACTTCTGAAGGGCATCTGCAGCAACAGCAACTGTCCCTATAGCCACGTGTA
 CGTGTCCCGAAGGCCGAGGTCTGCAGCGACTTCTCAAAGGCTACTGCCCCCTGGGTGC
 AAAGTGCAGAAGAAACACACGCTGCTGTGCCCGACTTTGCCCGCAGGGGGCGTGTCC
 CCGCGGCCCCAGTGCCAGCTGCTCCACCGTACCCAGAAAACGCCACAGTCGGCGGGCAGC
 CACGTCCCCCGCCCAGGGCCAGCGACGCAACCGCCAGGAGCAGGGTCTCGGCCAGCCA
 CGGGCCAGGAAGCCTTACGATCCCAGCGCCCCACCAGGCAGACGCCAGCTCGGTGC
 CCTCACTGCGGTGCCGTGGCTGCACCTCCCCACTGCCAGGGGGGTGAGCCTCTCCCTC
 ATCCTCGAAGGCTTCTCCTCCTCCTCCTCCTCCTCATCCCCCTCCCGTTCCTTGGACCA
 CGAGGCACCATCTCTCCAGGAGGCTGCCTTAGCAGCAGCGTGTCCAACAGGCTGTCAA
 GCTGCCCTTCTCATCTCCCTGCAGTCTCGCCGAGCCAGGAGCCAGCCAGGCTCGG
 GGCCCCTAGGGCCCCCTCACCAAGGACTCAGGGAAGCCTCTGCACATCAAACCAGTCT
 GTGAGGACCCAGGGACCGCCTGCACCTACCTCAGACCCTCATCCTTGAGAGGAAAGA
 GGCTCTGTCCACCACTTACCCACAGGAGGGCCGCCGCCACCAAGCCTCACCTGGGGG
 CCACAGGGACTGCTCTGCCTGCCTGGCCCTAACCTTCCATGACCAGCGTGTGCGCAG
 GGCCTGGTCTTCTCCCCAAGCCAGGCCCTGTCCCCACCCACCCTTCCAGGGTGC
 CAGGCAGGGTGGCTCCAGGCCTGTCCCGACTGCCATTGGCAACAGTGGCCCTGCAGC
 CCCCAGCCCTCCCACCCAGTTTTTCGGCCAGTGAAGAGGCCACTGGCCAGGCCTCCCA
 GGCAGGTGTTTTATGTTACGAATAAAGTTCTATCCGTAACAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC034435 unedited
 CGTTCGNATTTTGTNATACGACTTCCTATAGGGCGGCCGCGACTTCCCGGGCTGGGTGCA
 GTCCAGTGTCTGGACGCTGAGGCCCGGCTTCTCTTGTGGGGTGTGCGATTCCGGGAGG
 GCTGAGGGCGCGGCCGAGAGAACGGGGCGGTACCCGCCCGTGGCCCGCGCTCCCGCC
 CTCTCCTTGCAGTGCAGGCCCCAGCCGCTCTCGGGCGCGCGTGGGGGAGGCGGCCCTGC
 AGGTGCGTACCCGGGTCCGACACGTGCGGGGTTCTGCGAGCTGAGTCCCGCTGCGC
 GTCTTACAGCCTTTGTAAGTTGTCAAATTTCCACCGGCCAGCTCATCGAGCTTCTTCC
 CAGCTGTGAACAGGAGGGCCTGTTCCCTAATTCTTGGCGAAATTTGTTCCAATGCTGGTG
 TTCTGCAAGATGGAGCCAGGAGGAGGCCACAGGTGCTAAAGAGAGCAGTACCTGATG
 GAGTCCCTTGCAGCCGGCTGGATCCTGCAGGCAGCTGTAGCCGTTCCCTGGCCAGCCGG
 GCAGTGCAGCGCAGCCTGGCCATCATCCGGCAGGCGCGGCAGCGCATGGAGAAGAGGAAG
 GAGTACTGCATGTACTACAACCGCTTCGGCAGGTGCAACCGTGGCGAGCGCTGCCCTAC
 ATCCACGATCCCAGAGAAGGTGGCCGTGTGACCATGTTTGTCCGGGACCTGCAAGATA
 ACGGATGGGACCTGCCCTTCTCCACCATGTGTCCAAGGAGAAGATGCCNGTGTGCTCCT
 ACTTCTGAAGGGCATCTGCAGCAACAGCAACTGTCCCTATAGCCACGTGTACGTGTCCC
 GCATGGNCCGAGTCTGCAGCGACTTCTCAAAGCTACTGCCCCCTGGGTGCAAAGTGCAA
 GAAAGAACCACGCTGCTGTGCCCGACTTTGCCGAGGGGGCGTGTGTC

Restriction Sites: Please inquire

ACCN:	BC034435
Insert Size:	1827 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).
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:	BC034435.1 , AAH34435.1
RefSeq Size:	1827 bp
Locus ID:	23144
Cytogenetics:	8q24.3
Gene Summary:	Required for the export of polyadenylated mRNAs from the nucleus (PubMed:19364924). Enhances ACVR1B-induced SMAD-dependent transcription. Binds to single-stranded DNA but not to double-stranded DNA in vitro. Involved in RNA cleavage (By similarity). [UniProtKB/Swiss-Prot Function]