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Product datasheet for SC316034

ZC3H4 (NM_015168) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: ZC3H4

Synonyms: C19orf7

Vector: pCMV6 series

Fully Sequenced ORF:

>NCBI ORF sequence for NM_015168, the custom clone sequence may differ by one or more nucleotides

ATGGAGGCCGCGCCCGGGACCCCCCCGCCGCCGCCATCAGAGTCGCCGCCGCCGCCATCG
CCGCCGCCGCCATCAACGCCTTCGCCTCCTCCGTGTTCCCCCGACGCCCGCCCGGCCACC
CCGCACCTCCTCCACCACCGCCTCCCGCTCCCTGACGACAGGGAAGATGGAGAGTTGGAA
GAAGGTGAATTGGAAGATGATGGGGCAGAGGAGACCCAGGATACCTCCGGAGGGCCTGAG
AGAAGCCGGAAAGAAAAGGGGGAGAAGCATCACAGTGATTCGGATGAGGAGAAGTCCCAC
AGGAGACTGAAGCGGAAACGGAAGAAAGAGCGGGAGAAAGAGAAAAGGAGGTCGAAGAAG
AGGAGGAAATCCAAGCACAAACGCCATGCTTCTTCTAGCGATGACTTCTCTGACTTCTCA
GATGACTCGGATTTCAGCCCCAGTGAGAAAGGTCACCGCAAGTACAGAGAGTACAGCCCC
CCATATGCGCCGTCCCACCAGCAGTACCCCCCATCGCATGCCACGCCCCTGCCCAAGAAG
GCATACTCCAAGATGGACAGCAAGAGTTATGGCATGTACGAGGACTACGAGAATGAGCAG
TATGGGGAATATGAGGGCGACGAGGAGGAGGACATGGGCAAGGAGGACTATGACGACTTC
ACCAAAGAGCTGAACCAGTACCGGCGTGCCAAGGAGGGCAGCAGCCGCGGCCGAGGCAGC
CGAGGCCGGGGCCGGGGCTACAGGGGCCGAGGAAGCCGTGGAGGATCGCGAGGCCGCGGC
ATGGGCAGGGGCAGCCGAGGCAGGGGCAGAGGCTCTATGGGAGGAGACCACCCGGAGGAT
GAAGAGGATTTCTACGAGGAAGAGATGGACTATGGAGAGAGTGAGGAGCCAATGGGAGAC
GACGACTATGACGAGTACTCCAAGGAGCTGAACCAGTACCGCCGCTCCAAGGACAGCCGA
GGCCGAGGGCTAAGTCGAGGCCGTGGCAGGGGCTCCCGAGGTCGAGGGAAAGGAATGGGT
CGGGGCCGAGGCCGAGGTGGCAGCCGAGGAGGGATGAACAAGGGCGGAATGAACGATGAC
GAAGACTTCTATGACGAGGACATGGGCGACGGTGGTGGTGGAAGCTACCGGAGTCGTGAC
CATGACAAGCCCCACCAGCAGTCGGACAAGAAAGGCAAAGTCATTTGCAAGTACTTCGTG
GAAGGGCGCTGCACCTGGGGAGACCACTGTAATTTTAGCCATGACATCGAACTCCCAAAG
AAGCGAGAACTGTGCAAGTTTTACATCACTGGATTTTGCGCCAGAGCTGAGAACTGCCCT
TATATGCACGGTGATTTCCCGTGTAAGCTGTACCACACCACTGGGAACTGCATCAATGGT
GACGACTGCATGTTTTCCCACGACCCTCTGACCGAAGAGACGAGGGAGCTCTTGGATAAG
ATGTTGGCCGATGATGCAGAAGCAGGTGCCGAGGATGAGAAGGAGGTGGAGGAACTGAAG
AAGCAGGGCATCAACCCCCTGCCCAAACCGCCCCCTGGTGTGGGCCTCCTGCCCACCCCT
CCTCGGCCCCCTGGCCCGCAGGCTCCAACCTCTCCCAACGGCAGGCCCATGCAGGGTGGC
CCCCCGCCCCCGCCCCCTCCCCCTCCCCCACCGCCCGGGCCCCCTCAGATGCCCATGCCG
GTGCATGAGCCACTGTCCCCGCAGCAGCTGCAGCAGCAGGACATGTACAACAAGAAGATC
CCCTCCTTGTTTGAGATCGTGGTGCGGCCCACGGGACAGCTGGCTGAGAAGCTGGGTGTG
AGGTTCCCTGGACCCGGTGGACCCCCAGGGCCAATGGGCCCTGGGCCCAACATGGGACCC

CCAGGGCCAATGGGCGGTCCAATGCATCCTGACATGCACCCCGACATGCACCCGGACATG
CACCCTGACATGCACGCAGACATGCACGCAGACATGCCGATGGGCCCTGGCATGAATCCT
GGCCCACCCATGGGCCCTGGCGGCCCTCCAATGATGCCCTACGGCCCTGGAGACTCCCCA
CATTCTGGAATGATGCCCCCTATCCCGCCAGCCCAGAACTTCTATGAAAACTTCTACCAG
CAGCAGGAGGGCATGGAGATGGAGCCCGGACTCCTGGGGGATGCAGAGGACTACGGGCAC
TACGAAGAGCTGCCAGGGGAGCCTGGGGAGCACCTCTTCCCTGAGCACCCTCTGGAGCCC
GACAGCTTCTCTGAGGGAGGGCCCCCAGGCCGGCCGAAGCCAGGCGCCGGTGTCCCTGAC
TTCCTGCCCTCAGCCCAGAGGGCCCTGTACCTGAGGATCCAGCAGAAGCAGCAGGAGGAG
GAGGAGAGAGCGAGGAGGCTGGCTGAGAGCAGCAAGCAGGACCGGGAGAATGAGGAAGGT
GACACCGGAAACTGGTACTCAAGTGATGAGGATGAGGGTGGAAGCAGTGTCACCTCCATC
CTGAAGACCTTGAGGCAGCAGACGTCCAGCCGACCCCCGGCTTCAGTTGGGGAGCTGAGC
AGCAGTGGGCTGGGGGACCCCCGCCTCCAGAAGGGACACCCCACAGGAAGCCGGCTGGCT
GACCCTCGCCTCAGCCGGGACCCCAGACTCACCCGCCATGTGGAGGCTTCTGGCGGGTCT
GGCCCAGGTGATTCGGGACCCTCCGATCCTCGGCTGGCTCGCGCCCTGCCCACCTCCAAG
CCCGAAGGCAGCCTTCATTCCAGCCCTGTGGGCCCCAGCAGTTCCAAGGGGTCTGGGCCG
CCCCCAACGGAGGAGGAGGAAGGGGAGCGGGCCCTGCGGGAGAAGGCCGTGAACATTCCC
CTGGACCCACTCCCCGGGCACCCTCTGCGGGACCCACGGTCACAGCTGCAGCAGTTCAGC
CACATCAAGAAGGACGTGACCCTGAGCAAGCCCAGCTTCGCCCGCACCGTGCTCTGGAAT
CCCGAGGACCTGATCCCCCTACCCATCCCCAAGCAGGACGCAGTGCCCCCCGTGCCCGCG
GCCCTGCAATCCATGCCCACCCTGGACCCCCGGCTGCACCGCGCTGCCACGGCAGGGCCC
CCCAACGCCCGGCAGCGCCCGGGCGCCTCCACGGATTCCAGCACACAGGGCGCCAACCTC
CCCGACTTTGAACTTCTGTCTCGCATCCTCAAGACAGTCAATGCCACCGGCTCCTCGGCC
GCCCCCGGTTCCAGCGACAAACCCAGTGACCCCCGGGTGCGGAAGGCCCCCACCGACCCT
CGGCTGCAGAAACCCACAGACTCTACGGCCTCCTCCCGGGCTGCCAAGCCCGGCCCTGCT
GAGGCGCCCTCTCCCACCGCCAGCCCGAGTGGGGATGCCTCCCCACCAGCCACCGCTCCC
TACGACCCCCGCGTGCTGGCGGCCGGTGGACTGGGCCAGGGCGGAGGGGGCGGGCAGAGC
AGTGTGCTGAGCGGTATCAGCCTCTACGACCCGAGGACTCCCAACGCGGGGGGCAAAGCC
ACAGAGCCGGCTGCTGACACGGGTGCCCAGCCCAAGGGTGCTGAGGGCAATGGCAAGAGC
TCGGCCTCCAAGGCTAAGGAGCCCCCGTTCGTCCGCAAGTCTGCCCTGGAACAGCCAGAG
ACAGGGAAGGCCGGTGCTGATGGGGGCACCCCCACGGACAGATACAACAGCTACAACCGG
CCCCGGCCCAAGGCTGCTGCAGCCCCCGCTGCCACCACCGCCACCCCACCCCCCGAGGGT
GCCCCACCCCAGCCCGGGGTGCACAACCTGCCCGTGCCCACCCTCTTCGGGACGGTGAAG
CAGACACCCAAGACGGGCTCAGGAAGCCCATTTGCTGGGAACAGTCCGGCCCGCGAGGGT
GAGCAGGATGCGGCATCCCTGAAGGATGTTTTTAAAGGCTTCGACCCCACGGCCTCCCCC
TTTTGCCAG

Restriction Sites: Please inquire

ACCN: NM_015168

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_015168.1, NP_055983.1

RefSeq Size: 6131 bp

RefSeq ORF: 3912 bp

Locus ID: 23211

UniProt ID: Q9UPT8

Cytogenetics: 19q13.32

Gene Summary: This gene encodes a member of a family of CCCH (C-x8-C-x5-C-x3-H type) zinc finger domain-containing proteins. These zinc finger domains, which coordinate zinc finger binding and are characterized by three cysteine residues and one histidine residue, are nucleic acid-binding. Other family members are known to function in post-transcriptional regulation. [provided by RefSeq, Aug 2011]