

Product datasheet for **SC120748**

ZC3H18 (NM_144604) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ZC3H18
Synonyms:	NHNI
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>OriGene ORF within SC120748 sequence for NM_144604 edited (data generated by NextGen Sequencing)

ATGGATGTGGCCGAGAGCCCTGAACGGGATCCTCACTCTCCAGAGGATGAAGAGCAGCCA
CAGGGACTCTCGGACGATGACATTCTGAGGGACAGCGGGTCCGATCAGGATTTGGACGGG
GCGGGGGTGAGGGCTTCTGATCTGGAGGATGAGGAAAGTGCAGCCAGGGGGCCGAGCCAG
GAGGAGGAAGATAATCACTCCGACGAGGAGGACCGGGCAAGTGAGCCTAAATCCCAAGAC
CAGGACTCAGAGGTGAATGAGCTGAGCCGGGGCCGACCAGCTCCCCTGCGAGGAGGAG
GGGGACGAAGGGGAGGAAGACCGGACAAGCGACCTTAGGGATGAGGCCTCCTCAGTCACC
AGGGAGCTGGATGAGCATGAGCTAGACTACGATGAGGAGGTTCTGAGGAGCCAGTCCC
GCCGTCCAGGAGGACGAGGCTGAGAAAGCGGGGGCTGAGGATGATGAGGAGAAGGGCGAA
GGCACTCCCAAGGAGGAGGGGAAGGCTGGTGTTCAGAGTGTGGGAGAAAAGGAATCCCTG
GAGGCTGCCAAGGAGAAAAAGAAAGAGGACGATGATGGAGAAATCGATGATGGGGAATA
GACGATGATGACCTGGAAGAAGGTGAAGTGAAGGACCCAGTGACAGGAAGGTGAGGCCT
CGTCCCACCTGCCGTTCTTCATGAAAGGGAAGTGTACCTGGGAATGAATTGTAGGTTT
ATACACCTGGAGTGAACGACAAGGGGAAGTACTCCCTAATCACCAGCCGACCCCTTC
CCGCTAATGGTGCCCCGCTCTCGACCTCACCCTGATGCCCGCAACCCCTGGGGT
GGGCCGGTAGTTGATGAAATTTGCCTCCACCCCTCCAGAGCCCCAACAGAGAGTGCC
TGGGAACGAGGACTCCGGCATGCAAGGAGGTTTTAAAAAGCAACTATTCGAAAAGAA
CAGGAGCCTGATTTGAAGAGAAAAGTTTACGGTGACCATGGCGAAGACGAAACGGGAA
TTTGACAAAGAAAATGAAGTTTTTCGAGATTGGAATTCGATCCCGAGAGATGTCAGA
GACACAGTACTCGAGCCTTACGACAGCCCTATTATGACTATGAAATTGAGCGTTTTGG
CGTGGCGGACAGTATGAGAATTTAGGGTGCAGTATACAGAAACAGAGCCGTATCATAAT
TACCGAGAAAGGGAGCGGGAGCGAGAGAGAGAGAGAACAGACAGCGCAGCGCAGCGGGAG
CGGGAGCGGGACCGAGAGCGGGAGCGCCGCGAGGGAGCGCGAGCGAGAGCGGGAGCGC
GAGCGCGACAAGGAGCGGACGCGGAGGAAGGAGGAGTGGGAGCGTGAGCGAGCCAAGCGG
GACGAGAAGGACCGGACGACCGTGACCGGACCGGGAGAAGGAGCGGGAGAAGGAGAAG
GGGAAGCCCAAGCCCGCTCCCGCAGCCGCCAAGCCGCCAAGCTGAGCCACCAAGAAG
GAGGCTGCCACCAAGCGGGCCGAGGTGAAGAGAGCAGATGAGTGGAAGGACCCCTGGCGC
CGATCCAAGTCTCCAAGAAGAACTCGGGGTGTCGGTCTCCCGAGCCGGGCTCGAAGG
CGTCGGAACATCAGCCTCGTCAGCCTCTGCCTCTAATTCCTCCAGGTCTGCTTCGCGG
TCATCGTCTACTCTGGCTCCGGCTCTCCCGGTCGCGATCCCGGTCTTCATCTACAGC
TCTACTCCAGCCGCTCTTCCAGACACAGCTCGTTCTCAGGAAGCCGGTCCAGGTCCCAG
TCCTTCTCTTCGTCGCCGTCGCCGTCGCCGTCGCCGTCGCCGTCGCCGTCGCCGTCGCCG
ACCAAGGGAGAGCCGGCCCCGCGCCGGGAAAGCAGGAGAGAAGTCAGTGAAGAAGCCG
GCCCGCCTCCAGCCCCACAGGCCACCAAAACCACTGCTCCTGTCCCGAGCCCACT
AAGCCAGGAGACCCTCGGGAAGCCAGGAGGAAGGAGCGGCCAGCCAGGACCCCGCCAGG
AGGCGGACGCTAAGCGGCAGCGGAGTGGCAGTGGTAGCAGCTATAGTGGTTCCAGTCC
CGATCCAGGTCCCTGAGCGTGAGCAGCTCTCTCAGTGTCCAGTGTACGTGAGCAGC
AGCTCTGCACACAGCGTGGACTCGGAGGACATGTACGACAGCTGGCTAGCCCCGTGTCC
TCAGCCAGCTCTCGGTCCCGGCCAGCCAGACCAGGAAGGAGAAAGGAAATCTAAG
AAAGAAGACGGTGTAAAGAGGAAAAGCGGAAAAGGGATTCTGCCACACACCCACAAA
TCTGCAAAACCTCCAGCAGGGGGGAAGTCTCCAGCAGCCCTCGACACCCAGCAGGCA
CCCCCGGGCAGCCCCAGCAGGGCACATTTGTGGCCCAAGGAGATCAAGTTGACACTG
TTGAATAAGGCGGCTGATAAAGGAAGCAGGAAGCGCTATGAACCATCAGACAAGGACAGG
CAGAGCCCTCTCCAGCCAAGCGGCCAACACATCCCGAGCCAGGTTCTCGGGACCGG
AAGTCAGGTGGGAGACTGGGCTCCCGAAGCCAGAGCGGCAGAGAGGCCAGAACTCCAAA
GCCCTGACGCCCCGGTGACAGGAAGCGCCAGCTGTACCCCAAGTCCAGAGCTCCAGC
AAGGTCACGAGCGTGCCCGGCAAGCCTCGGATCCCGCGCCGCGCAGCACCAAATCAGGG
AAGGCCAGCAGCTGTCTCGGCGGGAGGAGCTGCTGAAACAGCTGAAGGCCGTGGAGGAT
GCTATTGCACGCAAGCGGGCCAAGATCCCCGGGAAGCATAG

Clone variation with respect to NM_144604.3
474 a=>g;1980 c=>t

5' Read Nucleotide

>OriGene 5' read for NM_144604 unedited

Sequence:

CTATAGGGCGGCCGCGAATTGGCAGCAGGGATGGATGTGGCCGAGAGCCCTGAACGGGA
TCCTCACTCTCCAGAGGATGAAGAGCAGCCACAGGGACTCTCGACGATGACATTCTGAG
GGACAGCGGGTCCGATCAGGATTTGACGGGGCGGGGGTGAGGGCTTCTGATCTGGAGGA
TGAGGAAAGTGACGCCAGGGGGCCGAGCCAGGAGGAGGAAGATAATCACTCCGACGAGGA
GGACCGGGCAAGTGAGCCTAAATCCCAAGACCAGGACTCAGAGGTGAATGAGCTGAGCC
GGGCCCGACAGCTCCCCCTCGCAGGAGAGGGGACGAAGGGGAGGAAGACCCGACAGC
CGACCTTAGGGATGAGGCCTCCTCAGTCAACAGGGAGCTGGATGAGCATGAGCTAGACTA
CGATGAGGAGGTTCTGAGGAGCCAGCTCCCGCCGTCAGGAGGACGAGGCTGAGAAAGC
GGGGGCTGAGGATGATGAGGAGAAGGGCAAGGCACTCCAGGGAGGAGGGGAAGGCTGG
TGTTCAAGTGTGGGAGAAAAGGAATCCCTGAGGCTGCCAAGGAGAAAAAGAAAGGA
CGATGATGAGGAAATCGATGATGGGGAAATAGACGATGATGACCTGNAAGAGGTGAAGT
GAAGGACCCGATGACAGGAAGTGAGGCCTGCTCCACTGCCGGTCTCATGAAGGGAA
CTGTACCTGGGATGAATNGTANGTTATACCCCTGNAGTGACGACAGGGG

3' Read Nucleotide

>OriGene 3' read for NM_144604 unedited

Sequence:

ACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGTCTATCAAAAATATTTT
ATTTTAGGAGACCCCTCAAAAAAGACCACCACATTAGACAGACGCCCAACAACACCC
TTGGCCTTTTTTGGTCTTTCTGTATTTTTCTCTTTTAAATCAACTAAAACAATTTGA
TGCTTAAATAAAAGACAGGAAATATTTCTGATGAGACTTTAGTCGAGAATATAGATAT
ATTTCTGATCCGGGGGCGGGTGATCAGGGGCGGGGAGGAGAAGGATGTGCCACCAGTGG
TTCGCGAGGTTCCGTTTCTCAGCTCAGGAGGGAGCCTGGCTGCCTGGACCCGGCTAGGG
ACCGAGAGTCGGGGTCCACAGGCCTGACCAGGCGGCGGGAAGAAGCAGGAGGAGGAGGA
AGAGAAGCGGGGCTGCGCGCTGGGGCTTGTAATTTACATGAGAACCGTGCTGTCTACTA
GCGCTGTCTGTCTGTCTGTCTGCTGCGGGACTTCTGCTCTGGGGAGGAGGCTGGGATTC
AGCGTCGTGTGTCATTTCTGTGTGGCTTCTTTCCAGCTGAGAACTTTTTTTCTTTTT
TACTTTTTAAAAAGAATCACAGCCAAAATAAGACATTAAGTCAAAATCCAAATGGCTG
CGCTTACCCTATGTATAAAAAATGCGTCCAGTCCGGTGGGGCAGGGCTATGCTTTCCCG
GGGATCTTTGCCCGCTTGCCTGCATAACATCCTCCACGGCTTTCACTGTTTAGCAACTCC
TCCCGCCAGACACTGCTTGGCTTCCCTGATTGGTGCGCTGCCGCGCGGGTTCAGGCT
TTTGGGGCGGCTCGTACCTTTGGAATTTGGAATGGGCTGACAACCTGGCCTTCTGT
CACCGGGGCTGCCGGGCTTTGGATTCTGCGCCCTTCCCATTGTGTTGGGAGACCATTC
TCCCGGATTTTCGGCCGAAAACCTTGTTTTGAAGTGTTGGCCCA

Restriction Sites:

Notl-Notl

ACCN:

NM_144604

Insert Size:

4000 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:	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:	<u>NM_144604.2, NP_653205.2</u>
RefSeq Size:	3572 bp
RefSeq ORF:	2862 bp
Locus ID:	124245
UniProt ID:	<u>Q86VM9</u>
Cytogenetics:	16q24.2