

Product datasheet for **RC216016**

ZNF398 (NM_170686) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF398 (NM_170686) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF398
Synonyms:	P51; P71; ZER6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>RC216016 representing NM_170686
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTGAGGCGGCCCGCCCGACATCTGAATGGGACTCCGAGTGCCTTACATCCCTGCAGCCCCTTC
CTTCTTACACCCAGCAGCAAATGAGGCACACCTGCAGACAGCAGCTATCTCTGTGGACAGTGGT
GGCCGCGTGCAGGCTATAGAGAGGAAGGTGGAGATCCACAGCCGCGACTCCTACACCTGGAAGGTCGG
ACAGGGACAGCAGAGAAGAACTAGCCAGCTGTGAAAAGACAGTTACCGAGCTTGGGAACCAGCTGGAGG
GCAAGTGGGCCGTGCTGGAAACCCTGCTGCAGGAGTACGGGCTGCTGCAGAGGCGGCTGGAGAATTGGA
GAACCTGCTGCGCAACAGGAACCTTCTGGATCCTGCGGCTCCCTCCAGGTATTAAGGGAGATATCCCAAAG
GTGCTGTGGCATTGATGATGTCTCCATCTACTTTTCCACTCCAGAGTGGGAAAAATTAGAAGAATGGC
AAAAGAACTTTACAAGAATATCATGAAGGGCACTACGAGTCTCTCATCTCCATGGATTATGCTATAAA
TCAACCTGATGTCTTATCTCAGATTCACCCAGAAGGGGAACATAATACAGAGGACCAGGCAGGGCCAGAG
GAAAGTGAGATCCACAGACCCAGTGAAGAGCCTGGTATTTCAACATCAGATATTCTGTCTTGGATTA
AACAAGAAGAAGAGCCTCAGGTTGGGGCCACCAGGAGTCCAAGGAGAGTGACGTGTACAAAAGCACTTA
TGCTGATGAAGAGCTTGTATCAAAGCTGAAGGCCTTGCTAGATCCTCGTTGTGCCCTGAGGTTCCAGTC
CCTTTCTTCTCCACCAGCAGCAGCAAAGGATGCTTTTTTTCAGATGTGGCTTTCAAAGCCAGCAGTCTA
CATCCATGACACCTTTTGGAGCTCCAGCCACTGACCTGCCTGAAGCCTCTGAGGGACAAGTACTTTTAC
TCAGTTGGGTAGCTATCCCCTCCACCTCCAGTTGGCGAGCAGGTGTTCTCATGCCACCACTGTGGCAAG
AATCTCAGCCAAGACATGTTGCTGACCCACCAATGTAGCCATGCTACTGAGCACCCCTTACCCTGTGCC
AGTGCCCTAAGCACTTTACTCCACAGGCGGACCTCAGCAGCACCTCCAGGACCATGCCAGCGAGACACC
CCCCACCTGCCCACTGTGCCAGGACTTTTACTCACCCATCAAGACTTACCTACCATCTTCGGGTCCAT
AACAGCACTGAGCGTCCTTTCCCTGTCCTGATTGCCCAAGCGCTTTGCTGACCAGGCTCGACTACCA
GCCACCGAGAGCTCATGCAAGCGAAAGGCCCTTCCGCTGTGCCAGTGCAGGAGGCTTCCAGCTTGAA
AATCAGCCTCCTGCTCCACCAGCGGGTTCATGCACAAGAGCGCCCTTCTCCTGCCCTCAGTGTGGCATT
GACTTCAACGGCCACTCGGCCCTGATCCGCCACCAGATGATCCACACAGGCGAGCGTCTTACCCTGCA
CTGACTGCAGTAAGAGCTTCATGCGCAAGGAGCACCTGCTGAACCACCGGCGGCTGCACACAGGCGAGCG
GCCCTTCAGTTGTCTCCTACTGTGGCAAGAGCTTCATCCGCAAGCACCACTAATGAAACACCAGCGCATC
CACACCGGGAGCGGCCCTACCCTGCTCCTACTGTGGCAGGAGTTCGCTACAACAGACACTCAAGG
ACCACCTCCGTTACAGCCACAATGGAGGCTGTGGGGGTGATAGTGACCCATCAGGTCAGCCACCCACCC
ACCAGGTCCTCATAACTGGGCTTGAACCTTCTGGCCTGGGTGTCAACTGAAGGTCTAGAGACCAAC
CAGTGGTATGGGAAGGGAGTGGAGGGGAGTTTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC216016 representing NM_170686
Red=Cloning site Green=Tags(s)

MAEAAPAPTSEWDSECLTSLQPLPLTPPAANEHLQTAASLWTVVAAVQAIERKVEIHSRLLHLEGR
 TGTAEKKLASCEKTVTELGNGLEKQWAVLGTLLQEYGLLQRRLENLENLLRNRNFWILRLPPGIKGDIPK
 VPVAFDDVSIYFSTPEWEKLEEWQKEL YKNIMKGNYESLISMDYAINQPDVLSQIQPEGEHNTDQAGPE
 ESEIPTDPSEEPGISTSDILSWIKQEEEEPQVGAPPESKESDVYKSTYADEELVIKAEGLARSSLCPEVPV
 PFSSPPAAAKDAFSDVAFKSSQSTSMTPFGRPATDLPEASEGQVFTQLGSYPLPPPVGQVFSCHHCGK
 NLSQDMLLTHQCSTATEHPLPCAQCQPKHFTPQADLSSTSQDHASETPPTCPHCARTFTHPSRLTYHLRVH
 NSTERPFPCDPCPKRFADQARLTSHRRAHASERPFRAQCGRSFLKISLLHQRGHAQERPFSCPQCGI
 DFNGHSALIRHQMIHTGERPYPCDCKSFRMRKEHLLNHRRLHTGERPFSCPHCGKSFIRKHHLMKHQRI
 HTGERPYPCSYGRSFRYKQTLKDHLRSGHNGGCGGSDPSGQPPNPPGPLITGLETSGLVNTEGLETN
 QWYGEKSGGGVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_170686

ORF Size: 1926 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_170686.3](#)

RefSeq Size: 5172 bp

RefSeq ORF: 1929 bp

Locus ID: 57541

UniProt ID: [Q8TD17](#)

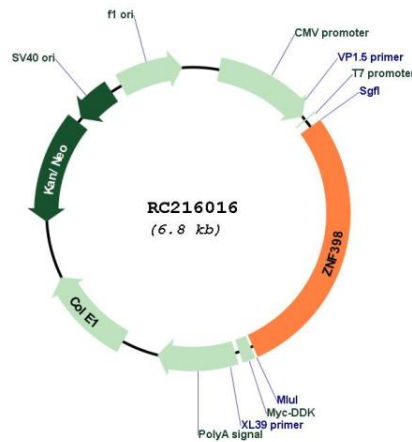
Cytogenetics: 7q36.1

Protein Families: Druggable Genome, Transcription Factors

MW: 71.1 kDa

Gene Summary: This gene encodes a member of the Kruppel family of C2H2-type zinc-finger transcription factor proteins. The encoded protein acts as a transcriptional activator. Two transcript variants encoding distinct isoforms have been identified for this gene. Other transcript variants have been described, but their full length sequence has not been determined. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC216016