

Product datasheet for **RC207210**

ZNF140 (NM_003440) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF140 (NM_003440) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF140
Synonyms:	pHZ-39
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC207210 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCTCAGGGTTCAGTGACATTCAGAGATGTGGCCATAGACTTCTCCAGGAGGAGTGAAATGGCTTC
 AGCCTGCTCAAAGAGATTTGTACAGATGTGAATGTTGGAGAAGCTATGGCCATCTGGTCTACTGGGTCT
 TTCCATTTCTAAGCCAGATGTGGTTTCTTATTGGAGCAAGGAAAGAACCCTGGCTGGGAAAAGGGAA
 GTGAAAAGAGATCTGTTTTAGTTTCAGTTTCAGAGTCAAGTGGTGGAGATCAAAGACTTTTACCAAAAAATGTCA
 TTTATGATGACTCATCCAGTATTTGATCATGGAAAGAATTCTAAGTCAAGGCCCTGTGTATTCCAGTTT
 TAAAGGAGGCTGGAAATGCAAGGATCATACTGAGATGCTGCAAGAAAATCAGGGATGTATTAGGAAAAGTA
 ACAGTCTCTCATCAAGAAGCCCTGGCTCAACATATGAATATCAGTACTGTGGAGAGGCCCTATGGATGCC
 ATGAATGTGAAAAACTTTTGGTCGACGCTTTTCCCTGGTGTACACCAGAGGACTCATACTGGAGAGAA
 ACCATATGCATGTAAGGAATGTGGCAAAACCTTTAGCCAGATTTCAAACCTTGTGAAACACCAAATGATA
 CATACTGGAAAGAAACCCATGAGTGTAAAGGACTGTAATAAAACATTCAGTTACCTTTCATTTCTTATTG
 AACACCAGAGAACGCACACTGGGAGAAAACCTTATGAATGACTGAGTGTGAAAGGCCCTTAGCCGTGC
 CTCCAACCTCACTCGACATCAAAGAATTCACATAGGAAAGAAAACAATATATATGTAGGAAATGTGGTAAA
 GCATTTAGCAGTGGCTCAGAAGTTCATTCGCCACCAGATTACACATACTGGAGAGAAAACCTTATGAATGCA
 TTGAATGTGGGAAGGCATTTCCGCCGTTTCTCACACCTTACTCGACATCAGAGCATCCATAACAACAAAAC
 CCCGTATGAATGTAATGAATGTAGGAAAGCTTCCGTTGTCACCTATTCCCTATTAACATCAGAGAATT
 CATGCTGGAGAAAAGCTCTATGAATGTGATGAATGTGGTAAAGTTTTCACTTGGCATGCATCCCTTATTC
 AACATCGAAGAGTCACACTGGAGAGAAAACCTATGCGTGTGCTGAATGTGATAAAGCTTCAGCCGGAG
 CTTTTCCCTCATTCTACATCAGAGAAGTCACTACTGGAGAGAAAACCTATGTATGTAAGGTATGCAACAAA
 TCCTTCAGCTGGAGCTCAAACCTTGCTAAACATCAGAGGACACACACTCTTGACAACCCCTATGAATATG
 AAAATTCATTTAATTACCACTATTCTTACTGAACACCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207210 protein sequence
 Red=Cloning site Green=Tags(s)

MSQGSVTRFDVAIDFSQEEWKWLQPAQRDLYRCVMLENYGHLVSLGLSISKPDVVSLLLEQGKEPWLKRE
 VKRDLFSVSESSGEIKDFSPKNVIYDSSQYLIMERILSQGPVYSSFKGGWKCKDHTEMLQENQGCIRKV
 TVSHQEALAQHMNISTVERPYGCHCEGKTFGRRFSLVLHQRTHTGEKPYACKEGKTFSSQISNLVKHQM
 HTGKKPHECKDCNKTF SYL SFL IEHQRTHTGEKPYECTECGKAFSRASNLRHQRIHIGKKQYICRCKGK
 AFSSGSELIRHQITHTGEKPYECIECGKAFRRF SHL TRHQSIHTTKPYECNECRKAFRCHSFLIKHQRI
 HAGEKLYECDECGKVFTWHASLIQHTKSHTGEKPYACAECDAF SRSFSLILHQRTHTGEKPYVCKVCNK
 SFSWSSNLAHQRTHTLDNPEYENSFNYHSFLTEHQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6514_f05.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_003440

ORF Size: 1371 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_003440.3](#)

RefSeq Size: 3327 bp

RefSeq ORF: 1374 bp

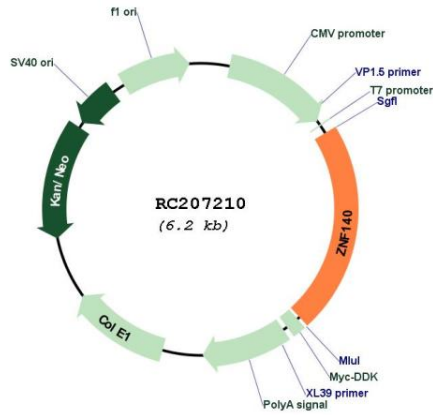
Locus ID: 7699

UniProt ID: [P52738](#)

Cytogenetics: 12q24.33

Domains: KRAB, zf-C2H2
Protein Families: Transcription Factors
MW: 53 kDa
Gene Summary: May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC207210