

Product datasheet for **RG207210**

ZNF140 (NM_003440) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF140 (NM_003440) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF140
Synonyms:	pHZ-39
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG207210 representing NM_003440
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTCAGGGTTCAGTACATTAGAGATGTGGCCATAGACTTCTCCCAGGAGGAGTGGAAATGGCTTC
 AGCCTGCTCAAAGAGATTTGTACAGATGTGTAATGTTGGAGAAGTATGGCCATCTGGTCTCACTGGGTCT
 TTCCATTTCTAAGCCAGATGTGGTTTCTTATTGGAGCAAGGAAAGAACCCTGGCTGGGAAAAGGGAA
 GTGAAAAGAGATCTGTTTTAGTTTCAAGTCAAGTGGTGGAGATCAAAGACTTTTACCAAAAAATGTCA
 TTTATGATGACTCATCCAGTATTTGATCATGGAAAGAATTCTAAGTCAAGGCCCTGTGTATTCCAGTTT
 TAAAGGAGGCTGGAAATGCAAGGATCATACTGAGATGCTGCAAGAAAATCAGGGATGTATTAGGAAAAGTA
 ACAGTCTCTCATCAAGAAGCCCTGGCTCAACATATGAATATCAGTACTGTGGAGAGGCCCTATGGATGCC
 ATGAATGTGAAAAACTTTTGGTCGACGCTTTTCCCTGGTGTACACCAGAGGACTCATACTGGAGAGAA
 ACCATATGCATGTAAGGAATGTGGCAAAACCTTTAGCCAGATTTCAAACCTTGTGAAACACCAAATGATA
 CATACTGGAAAGAAACCCATGAGTGTAAAGGACTGTAATAAAACATTCAGTTACCTTTCATTTCTTATTG
 AACACCAGAGAACGCACACTGGGAGAAAACCTTATGAATGTAAGTACTGAGTGTGGAAAGGCCCTTAGCCGTGC
 CTCCAACCTCACTCGACATCAAAGAATTCACATAGGAAAGAAAACAATATATATGTAGGAAATGTGGTAAA
 GCATTTAGCAGTGGCTCAGAAGTCACTCGCCACCAGATTACACATACTGGAGAGAAAACCTTATGAATGCA
 TTGAATGTGGGAAGGCATTTTCGCCGTTTCTCACACCTTACTCGACATCAGAGCATCCATAACAACAAAAC
 CCCGTATGAATGTAATGAATGTAGGAAAGCTTCCGTTGTCACCTATTCCCTATTAACATCAGAGAATT
 CATGCTGGAGAAAAGCTCTATGAATGTGATGAATGTGGTAAAGTTTTCACTTGGCATGCATCCCTTATTC
 AACATCAAGAGATCAGACTGGAGAGAAAACCTATGCGTGTGCTGAATGTGATAAAGCCTTCAGCCGGAG
 CTTTTCCCTCATTCTACATCAGAGAAGTCACTGGAGAGAAAACCTATGTATGTAAGGTATGCAACAAA
 TCCTTCAGCTGGAGCTCAAACCTTGCTAAACATCAGAGGACACACACTCTTGACAACCCCTATGAATATG
 AAAATTCATTTAATTACCACTCATTCTTACTGAACACCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG207210 representing NM_003440
 Red=Cloning site Green=Tags(s)

MSQGSVTRFDVAIDFSQEWEKWLQPAQRDLRYCVMLNENYHGLVSLGLSISKPDVVSLLLEQGKEPWLKRE
 VKRDLFSVSESSGEIKDFSPKNVIYDSSQYLIMERILSQGPVYSSFKGGWKCKDHTEMLQENQGCIRKV
 TVSHQEALAQHMNI STVERPYGCHCEGKTFGRRFSLVLHQRTHTEKPYACEKCGKTFSSQISNLVKHMI
 HTGKKPHECKDCNKTF SYL SFLIEHQRTHTGEKPYECTECGKAFSRASNLRHQRTHIIGKKQYICRCKGK
 AFSSGSELIRHQI THTEKPYECIECGKAFRRF SHL TRHQSIIHTTKPYECNECRKAFRCHSFLIKHQRI
 HAGEKLYECDECGKVF TWASLIQHTKSHTEKPYACAECDFKAFSRFSLILHQRTHTEKPYVCKVCKNK
 SFSWSSNLAQHQRTHL DNPYEYENSFNYSFLTEHQ

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

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: 3067 bp

RefSeq ORF: 1374 bp

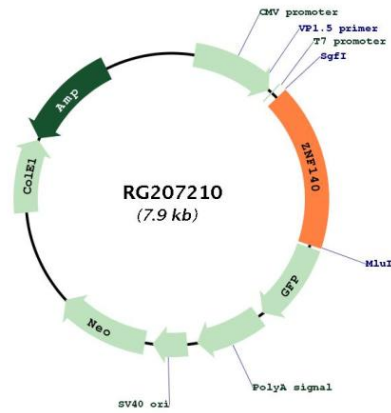
Locus ID: 7699

UniProt ID: [P52738](#)

Cytogenetics: 12q24.33

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

Product images:



Circular map for RG207210