

Product datasheet for **RG207240**

ZNF714 (NM_182515) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF714 (NM_182515) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF714
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG207240 representing NM_182515
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAATGTGATGTAGAGAACTACAAAACTGGTCTTCTTGGCAGGTATTGCTGTCTCTAAGCAAGACC
 CGATCACCAGTCTAGAGCAAGAAAAAGGCCCTGGAAATGAAGATATGTGAGATGGTGGATGAATCCCC
 AGCTATGTGTTCTTTTACCAGAGACCTTTGGCCAGAGCAAGACATAAAAAGATTCTTTTCAACAAGTG
 AACTGAGAAGACATGGCAAATGTGAACATGAGAATTTACAGTTAAGAAAAGGCTCCGCAAATGTGGTTG
 AGTGAAGGTGTACAAAAAGGTTATAATGAACTAAACCAGTGTGGACAACCTCCAGAGCAAAAATATT
 TCCATGTGATAAATATAAAAAGCTTTTCATAAAATTTCAATTCAAATAGACACAAGACAAGACATACT
 GGAGAGAAACCTTTCAAATGTAAAAATGTGATGAATCATTTTGCATGCTTTTACACCTACATCAACATA
 AAAGAATTCATATTAGAGAGAATTTTACCAATGTGAAGAATGTGACAAAGTGTAAAGCGGTTCTCAAC
 CCTTACTAGACACAAGAGAGTTCATACTGGAGAGAAACCTTCAAATGTGAAGAATGTGGCAAAGCTTTT
 AAGCACTCCTCAACCCTTACTACACATAAGATGATTCATACTGGAGAGAAACCTTACAGATGTGAAGAAT
 GTGGCAAAGCCTTCTACCATTCTCACACCTTACTACACATAAGGTAATTCATACTGGAGAGAAAGCCTT
 CAAATGTGAAGAATGTGGTAAAGCTTTTAAACCACCTTACGCCCTTACTACACATAAGTTTCATTCATGTT
 AAAGAAAAACCTTACAAATGTGAAGAATGTGACAAAGCTTTTAAACCGATTCTCATACCTTACTAAACATA
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 CCTTACAAAACATAAAAAGATTCATACTGGAGAGAAACCTTCAAATGTGAAGAATGTGGCAAAGCCTTT
 AATGTGCTTTCACACCTTACTACACATAAGATGATTCATACTGGAGAGAAACCTTACAAATGTGAAGAAT
 GTGGCAAAGCCTTTAAACCACCTTCAAACCTTACTACATAAGATAATTCATACTGGAGAGAAACCTTAA
 CAAATGTGAAGAATGTGGCAAAGCTTTTAAACCAATCCTCAAACCTTACCAAACATAAGATAATTCATACT
 GGAGAGAAACTTACAAATGTGAAGAATGTGGCAAAGCTTTTAAACCGATCCTCAAACCTTACTACACATA
 AGAGAATTCACACTGGAGAGAAACCTTACAAATGTGAAGAATGTGGCAAAGCTTTCAACCGATCCTCAA
 CCTTACTAAACATAACATAATTCATACTGGAGAGAAATCTTACAAATGTGAAGAATGTGGTAAAGCCTTT
 AACCAATCCTCAACTCTTACTAAACATAGGAAAATTCAGCAGGGCATGGTGGCTCATGCCTGTAATCCCA
 ACACCTTTGAGAGGACTAGGTGAGCAGATCGCGAGGTCAGGAGTTCAAGACCAGCCTGGCCAAACATGGTAA
 AACCCCATCTCTACTAAAAATACAAAAATTTGCTGGGTGGTGGCAGGCGCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

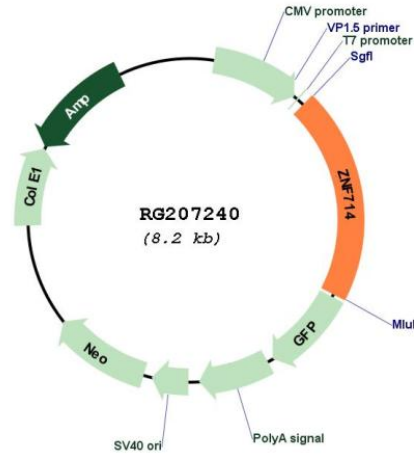
>RG207240 representing NM_182515
 Red=Cloning site Green=Tags(s)

MNVMLENYKNLVFLAGIAVSKQDPITSLEQEKEPWNMKICEMVDESPAMCSSFTRDLWPEQDIKDSFQQV
 ILRRHGKCEHENLQLRKGSAHVVECKVYKKGYNELNQCLTTTQSKIFPCDKYIKVFHKIFNSNRHKTRHT
 GEKPFKCKKCDSEFCMLLHLHQHKRIHIRENSYQCEECDKVFKRFTLTRHKRVHTGEKPFKCEECGKAF
 KHSSTLTTHKMIHTGEKPYRCEECGKAFYHSSHLTTHKVIHTGEKPFKCEECGKAFNHPALSALTTKFIHV
 KEKPYKCEECDKAFNRFSYLTCHKIHSSEKSYKCEQCGKFNWSSTLTCHKRIHTGEKPYKCEECGKAF
 NVSSHLTTHKMIHTGEKPYKCEECGKAFNHSSKLTIHKIIHTGEKPYKCEECGKAFNQSSNLTKHKIIHT
 GEKLYKCEECGKAFNRSSNLTTHKRIHTGEKPYKCEECGKAFNRSSNLTKHNIHTGEKSYKCEECGKAF
 NQSSLTTKHRKIQQGMVAHACNPNTLRGLGEQIARSGVQDQPGQHKGKTPSLLKIQKFAAGCGGRRL

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Plasmid Map:


ACCN:	NM_182515
ORF Size:	1665 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_182515.4](#)

RefSeq Size: 8790 bp

RefSeq ORF: 1668 bp

Locus ID: 148206

UniProt ID: [Q96N38](#)

Cytogenetics: 19p12

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]