

Product datasheet for **RG216390**

ZNF708 (NM_021269) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	ZNF708
Synonyms:	KOX8; ZNF15; ZNF15L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG216390 representing NM_021269
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGACCATTGACATTTATGGATGTGGCCATAGAATTCTCTCTGGAGGAGTGGCAGTGCCTGGACACAG
 CACAGCAGAATTTATATAGGAATGTCATGTTAGAGAATTATAGAAACCTGGTATTCCTGGGTATTGCTGT
 GTCTAATTTAGACCTGATCACCTGTCTGGAGCAAGGAAAAGAGCCCTGGAATATGAAGAGACACGAGATG
 GTAGCCAAACCCAGCTATGTGTTCTCATTTTGCCAAAGACCTTAGGCCAGAGCAATATATAAAAAATT
 CTTTCCAACAAGTGATACTGAGAAGATATGGAATATGGAATATCAGAAAGGCTGTAAAGTGTGGATGA
 GCATAAGTTGCACAAAGGAGGTACAAGGACTTAACCAAGTGTGTGACAACTACCCAGAGCAAAATAGTT
 CAGTGTGACAAATACGTGAAAGTCTTTCATAAATATTCAAATGCAAAGAGACATAAGATAAGACATACTG
 GAAAAATCCTTTCAAATGTAAAGATGTGGCAATCATTTTGCATGCTTTCACAACTAACTCAACATGA
 GATAATTCATACTGGAGAAAAACCTACAAATGTGAAGATGTGGCAAAGCTTTTAAAAAGTCTCAAAC
 CTTACGAATCATAAGATAATTCACTGGAGAGAAACCTACAAATGTGAAGATGTGGAAGGCTTTTA
 ACCAGTCTCAACTCTTAGACATAAGATAATTCACTGGAGAGAACTCTACAAATGTGAAGATG
 TGGCAAAGCTTTTAACCGGTCCTCAAACCTTACTAAACATAAGATAGTTCACTGGAGAGAAACCTAC
 AAATGTGAAGATGTGGCAAAGCTTTTAAACAGTCTCAAACCTTACTAATCACAAGAAATTCATACTG
 GAGAGAAACCTACAAATGTGGAGAAATGTGGCAAAGCCTTTACCCTATCTTACACCTTACTACACATAA
 GAGGATTCACTGGTGAAGAAACCTACAAATGTGAAGATGTGGCAAAGCTTTTAGTGATTTTCAACC
 CTTACTAAACATAAGATAATTCATACTGAAGAGAAACCTACAAATGTGAAGATGTGGCAAAGCTTTTA
 ACCGGTCTCACACCTTACTAATCATAAGGTAATTCATACTGGAGAGAAACCTACAAATGTGAAGATG
 TGGTAAAGCCTTTACCAAGTCTCAACTCTTACTATCATAAGGTAATTCATACTGGAGAGAAACCTAC
 AAATGTGAAGATGTGGTAAAGCCTTTAGTATATTCTCAATCCTTACTAAACATAAGTAATTCATACTG
 AAGACAAACCTACAAATGTGAAGATGTGGCAAACCTTTTAACTACTCTCAAATTTTACTAATCATAA
 AAAAAATTCATACTGGAGAGAAACCTATAAGTGTGAAGATGTGGCAAAGCTTTTCTGTCCTCTCAT
 CTTACTACACATAAGATAATTCATACTGGAGAGAAACCTACAAATGTAAAGATGTGGCAAAGCTTTTA
 ACCAGTCTCAACCTTATGAACATAAGATAATTCATACTGGAGAGAAACCTACAAATGTGAAGATG
 TGGCAAAGCCTTTAACAGTCCCAACCTTACTAAACATAAGAGAATTCATACCAAGAGAAACCTAC
 AAATGTAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG216390 representing NM_021269
 Red=Cloning site Green=Tags(s)

MGPLTFMDVAIEFSLEEWQCLDTAQQLYRNVMLENYRNLVFLGIIVSNLDLITCLEQGKEPWNMRHEM
 VAKPPAMCSHFADLRPEQYIKNSFQQVILRRYGKCGYQKCKSVDEHLKKGHKLNLQCVTTTQSKIIV
 QCDKYVVKVFKYSNAKRHKIRHTGKNPFKCKEKGKSFCSMLSQLTQHEIIHTGEKPYKCECGKAFKSSN
 LTNHKIIHTGEKPYKCECGKAFNQSSSTLTRHKIIHTGEKLYKCECGKAFNRSSNLTKHKIVHTGEKPY
 KCECGKAFKQSSNLTNHKIIHTGEKPYKCGEKGKAFLLSSHLTTHKRIHTGEKPYKCECGKAFSVFST
 LTKHKIIHTEKPYKCECGKAFNRSSHLTNHKVIHTGEKPYKCECGKAFKSSSTLYHKVIHTGKKPY
 KCECGKAFSIFSLTKHKVIHTEDKPYKCECGKTFNYSSNFTNHKKIHTGEKPYKCECGKSFILSSH
 LTHKIIHTGEKPYKCECGKAFNQSSSTLMKHKIIHTGEKPYKCECGKAFNQSPNLTKHKRIHTKEKPY
 KCK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_021269

ORF Size: 1689 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.

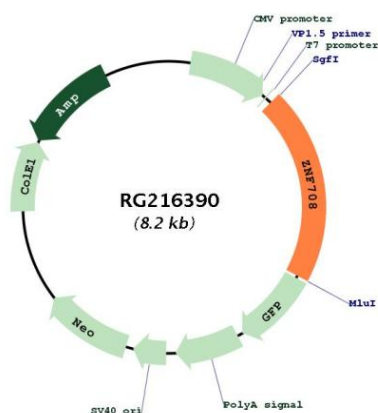
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_021269.1](#), [NP_067092.1](#)

RefSeq Size: 4006 bp

RefSeq ORF:	1692 bp
Locus ID:	7562
Cytogenetics:	19p12
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG216390