

Product datasheet for **RG224114**

ZNF792 (NM_175872) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	ZNF792
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG224114 representing NM_175872
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCAGCGGCGCGCTGCGGGACCCGCGCAGGGCTGCGTGACCTTTGAGGACGTGACCATTTACTTCT
 CCCAGGAGGAGTGGGTGCTCCTCGATGAGGCTCAGAGACTCCTGTACTGCGATGTGATGCTGAAAACTT
 TGCACCTTATAGCCTCGCTGGGACTTATATCTTTAGGTCACATCGTTTCCAGTTGGAGATGGGAAA
 GAGCCCTGGGTGCTGACAGTGTGGATATGACATCAGCCATGGCCAGAGGGGCTTATGGCAGGCCTGGCT
 CTGATTTTTGCCATGGAACAGAGGGCAAGGACTTACCTTCTGAGCATAACGTTTCTGTAGAAGGAGTGGC
 ACAGGACAGGAGTCCGAGGCCAATCTGTGCCCCAGAAAGACCTGCCCTGTGACATATGTGGCCTACGT
 TTGAAAGACATTTTGCATTTGGCTGAACACCAGACAACACATCCAGGCAGAAACCATTTGTGTGTGAGG
 CATATGTGAAAGGCTCTGAGTTCAGTGCAAACCTTCCCGGAAACAGGTGCAGCAGAACGTACACAACCC
 TATCAGAACGGAGGAGGCCAGGCTTCCCTGTAAAGACCTGCAGAGACCACATCAGATCAGCTTTCC
 ACCTGCAGGAGGGTGGGAAGGACTTTGTGGCCACAGCAGGGTTTCTGCAGTGTGAGGTCACTCCAGCG
 ATGGGGAGCCGACAGAGGCCACCGAAGGTGTGGTGGATTTTACATTGCACTAAGGCATAACAAGTGCTG
 TGAATCTGGGGATGCCTTCAATAACAAATCCACTCTTGTTCAGCACCAGAGAATCCACAGCAGAGAAAGG
 CCTTATGAATGCAGCAATGTGGAATCTTCTTCACTTACGCCGTGACCTCACTCAACACCAGAAAGTTC
 ACAATAGAGGAAAACCGTATGAGTGTGTGAATGTGAAAAATCTTCAGCCAGCACTCCAGCCTTGTAA
 ACATCGCAGGGTTACACCGGTGAAAGCCCTCACGTGTGTGGTGACTGTGGGAAATCTTCAGCCGAAGC
 TCCAACCTCATTACGATAAGAGGGTTCACTGGTGAAGGCCATATGAGTGCAGCGACTGTGGGAAGT
 TCTTCAGCCAGCGTTCCAACCTCATTATCATAAGAGGGTTACACGGCAGAGTGGCCATGAGTGCAG
 TGAATGTGGGAAATCTTCACTGCAACTCCAGCCTAATTAACATTGGAGAGTTCACTGGAGAAAGA
 CCTTACAAGTGAACGAATGTGGGAAATCTTCAGCCACATTGCCAGCCTCATTCAACATCAGATAGTTC
 ACATGGCGAGCGGCTCACGGGTGTGGTGAGTGTGGGAAAGCCTTCAGCCGAAGCTCTGACCTCATGAA
 ACATCAGCGAGTTCACTGGTGAGCGGCTTATGAATGCAATGAATGTGGGAAGTTATTTAGCCAGAGC
 TCCAGCCTCAATAGCCATCGGAGACTTCACACTGGTGAACGGCCTTACCAGTGCAGTGAATGTGGGAAAT
 TCTTTAACCAAGCTCCAGCCTCAATAACACCGGAGACTTCACACCGCGAGCGGCCTTATGAGTGCAG
 CGAATGTGGGAAAACCTTCAGGCAGAGGTCCAATCTGAGGCAGCACCTGAAAGTTCAAAACCAGACAGG
 CCTTACGAATGCAGCAATGTGGGAAAGCCTTCAACCAAGGCCTACCTCATTTCGGCATCAGAAGATTC
 ACATCAGAGAAAGGAGCATGGAGAATGTGCTCCTTCCCTGTTACAGCACACACCAGAGATAAGCTCTGA
 GAACAGACCTTATCAGGCGCTGTCAACTACAAGTTGAAACTGTTCATCCAAGTACCCACCTGGGGAG
 GTTCCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG224114 representing NM_175872
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MAAAALRDPAQGCVTFFEDVTIYFSQEEWLLDEAQRLLYCDVMLENFALIASLGLISFRSHIVSQLEMKG
 EPWPDSVDMTSAMARGAYGRPGSDFCHGTEGKDLPEHNVSVEGVAQDRSPEATLCPQKTCPCDICGLR
 LKDILHLAEHQTTTHPRQKPFVCEAYVKGSEFSANLPRKQVQNVHNPIRTEEGQASPVKTCRDHTSDQLS
 TCREGGKDFVATAGFLQCEVTPSDGEPHEATEGVDFHIALRHNKCCESGDAFNKSTLVQHQRISHRER
 PYECSKCGIFFTYAADLTQHQQVHNRGKPYECCECGKFFSQHSSLVKHRRVHTGESPHVCGDCGKFFSRS
 SNLIQHHRVHTGEKPYECSDCGKFFSQRSNLIIHHRVHTGRSAHECSECGKSFNCNSSLIKHWRVHTGER
 PYKNECGKFFSHIASLIQHIVHTGERPHGCGECGKAFSRSSDLMKHQRVHTGERPYECNECGKLFQS
 SSLNSHRLHTGERPYQCSECGKFFNQSSSLNNHRLHTGERPYECSECGKTFRQSNLRQHLKVHKPDR
 PYECSECGKAFNQRPRTLIRHQKIHIRERSMENVLLPCSQHTPEISSENRPYQGAANYKLKLVHPSTHPGE
 VP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_175872

ORF Size: 1896 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).

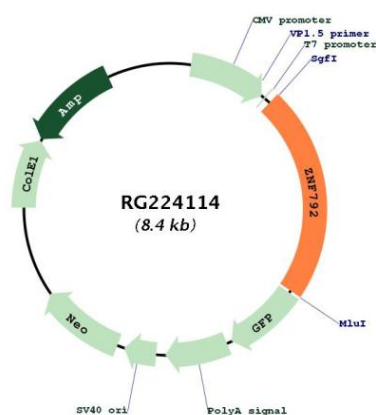
Reconstitution Method:

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_175872.5](#)

RefSeq Size:	3898 bp
RefSeq ORF:	1899 bp
Locus ID:	126375
UniProt ID:	Q3KQV3
Cytogenetics:	19q13.11
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for RG224114