

Product datasheet for **RG226701**

ZFP92 (NM_001136273) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	ZFP92
Synonyms:	ZNF897
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG226701 representing NM_001136273
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGCCATTCTCCTGACCACGAGACCCAAGGTGCCAGTATCTTTGAGGATGTGTCCGTGTA
CTTCAAAAGACAGAAATGGAAGCTTCTGGACCTCAGACAAAAGGTCTCTACAAGCGGGTGATGCTGGAGAACTA
TAGCCATTTGGTGTCACTGGGATTTTCTCTCAAGCCTCACCTGATCTCCAATTGGAACGAGGGGAA
GGACCTGGGTAGCAGACATCCCCAGAACCTGGGCCACCGCAGGATTGCACATAGGTGACAGAACACAGA
GCAAGACGTGCACTTCAACGACAGAAGCATTCTGGACGACAACTCCCCGGGGCCGATCCACAAGGTGGCAA
GGAGGGGCAGGCGCGAGGTCTGTGCTCCAGAGAGGTGCCAGGGCTTGGGGCAGAGTTCGGCTGCG
GGGCCGAGGGCCCAAGGCGCGGAGAAGCGGTACCTGTGCCAGCAGTGTGGGAAGGCCTTCAGCCGCA
GCTCCAACCTCATCAAGCACCGCATCATCCACAGTGGCGAGAAGCCTTACGCGTGCCCGAGTGCGGCAA
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CCCGAGTGCAGCAAGACCTTACGCGCAGCTCCAACCTCATCAAGCACCAGGTATCCACAGCGGCGAGC
GGCCCTTCGCTGCGGCGACTGCGGCAACTGTCCGCGCAGCTTCGCGCTCCTGGAGCAGCGCGCGT
GCACAGCGGCGAGCGGCCCTACGCGTGCCAGAGTGGCGCAAGGCCTTCAGCCGAGCTCCAACCTCATC
GAGCACCAGCGCAGCACCGCGCGGAGAGAAGCCCTACGCTGCGGCCAGTGCGCCAAGGCCTTCAAGGGCG
TCTCGAGCTCATCCACCACGCGAGCCACAGCGGCGAGCGGCCCTTCGCGTGCCGCGAGTGCGGCAA
GGCCTTCGCTGGCGTTTCGGGCTCAGCCAGCACCGGCGCGTGACAGCGGTGAGAAGCCCTACGAGTGC
AGCGACTGCGGCAAGGCCTTCGGCCGGCGGCCAACCTATTCAAGCACCAGGAGTGCACGGCGCCAGGC
GCCCTGCGAAGGCGGAGACGGCGCGGAGGCTAGCGGGCCCTGGGAGCACCAGCCCTGGGAGCGCGGTGGC
GGCCACCAGCCCCCGCGGCCGAGCACAGCCGCGAGGCCTTCAGGCCAGCCGCCG

AGCGGACCGACGCGTACGCGGCGCTCGAG - GFP Tag - GTTTAA



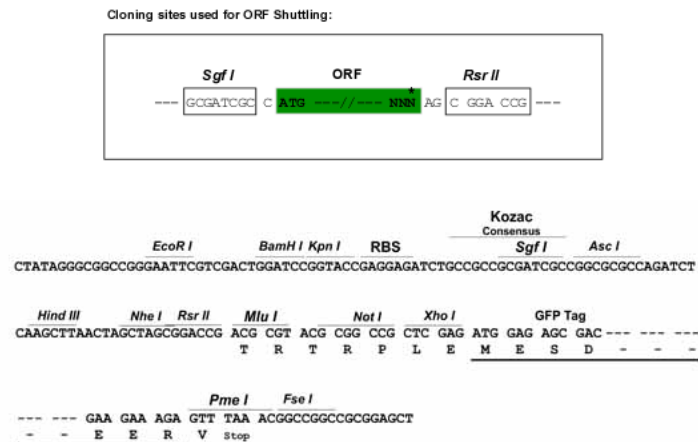
Protein Sequence: >RG226701 representing NM_001136273
Red=Cloning site Green=Tags(s)

MAAILLTTRPKVPVSFEDVSVYFTKTEWKLLDLRQKVLKRVMLNYSHLVSLGFSFSKPHLISQLERGE
GPWVADIPRTWATAGLHIGDRTQSKTSTSTQKHSGRQLPGADPQGGKEGQAARSSVLQRGAQGLGQSSAA
GPQGPKGAEKRYLCQQCGKAFSRSSNLIKHRIIHSGEKPYACPECGKLFRRSFALLEHQRIHSGEKPYAC
PECSKTFTRSSNLIKHQVIHSGERPFACGDCGKLFRRSFALLEHARVHSGERPYACPECGKAFSRSSNLI
EHQRTHRGEKPYACGQCAKAFKGVSQLIHHQRSHSGERPFACRECGKAFRGRSGLSQHRRVHSGEKPYEC
SDCGKAFGRANLKFHQAVHGARRPAKAETARRLAGPGSTGPGSAVAATSPPRPSTAARPSRPSRR

SGPTRRRLE - GFP Tag - V

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_001136273

ORF Size: 1248 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_001136273.1](#), [NP_001129745.1](#)

RefSeq Size: 1251 bp

RefSeq ORF: 1251 bp

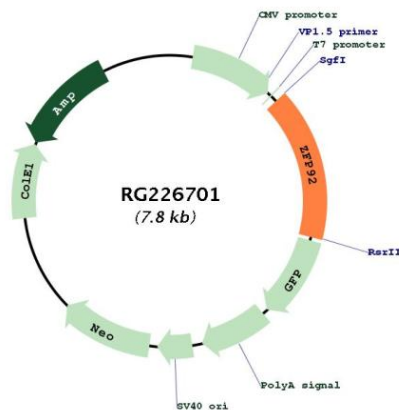
Locus ID: 139735

UniProt ID: [A6NM28](#)

Cytogenetics: Xq28

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

Product images:



Circular map for RG226701