

Product datasheet for **RG223716**

ZNF696 (NM_030895) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	ZNF696
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PSI00010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG223716 representing NM_030895
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGAGCCAGGAGGAGAGCCACAGGTGCTAAAGAGAGCAGTACCCTGATGGAGTCCCTTCAGCTGTGA
AGGCTGCTTTCCTGGCGCAGGCCCGAGTGGCAGCCGGTCAGCCGAGGTGCAGGCAGCTCAGAGCACGGA
GCCTGCCGACAGAGGAGGCGCTCCCGAGGGAGAGGGCCACAGAGGGGGGCTCCCGGGCGTTGGGGTCT
CTTGGCCTTTGTGAAAACAGGAAGCCAGAGAGAGGGCCCGAGGTTCCCTCGAGGCCCGGTCACTTCTG
AGAAACTGGAGGACAGAGTGGCTCGAGTCAGACGTCCTCCGAACGCAGGCCCGGCGCAGAGGGCGG
GGCAGCTGGAAGGGCGGCCCTTCCCGTGGCGCCTGTGGCCGAGCTTCAAGTGCTCCTCGGACGCG
GCAAAGCACCGGAGCATCCACTCGGGGAGAAACCGTACGAGTGCAGCGACTGCGGGAAGGCCTTCATCC
ACAGCTCGCACGTGGTCCGGCACAGCGGGCGCACAGCGGGAGAGGCCCTACGCGTGGCGGAGTGGCG
CAAGGCCTTCGGCCAGAGCTTCAACCTCCTCCGGCACAGCGCTGCACAGGGCGAGAAGCCCTACGCG
TGCGCCGACTGCGCAAGGCCTTCGGCCAGAGTGGACGCCGCCAAGCACCGCCGACCCACACCGGGG
AGAGGCTGTACGCGTGGCGAGTGGCGGAAGCGCTTCTGCACAGCTCGAACGTGGTCCGGCACCGGCG
GACCCACACCGGGAGAACCCGTACGAGTGGCGGAGTGGCGCCAGGCCTTCAGCCAGAGCTCCAACCTC
CTCCAGCACCGCGTGCACACGGGGAGCGGCCCTTCGCTGCCAGGACTGCGGCCGCGCCTTCAGCC
GCAGCTCCTTCCTCCGCGAGCACTGCCGATCCACACCGGGGAGAAGCCCCACAGTGGCGCCACTGCGG
GCGCGGTTCCGGGCGTGTGGGCTTCTCCGGCACAGCGACTCCACACGGGCGAGAAGCCGTTCCGC
TGACCCGAGTGGCGCGCGCTTCCGCTGAGCTTCCACCTCATCCAGCACCGGCGGGTGCATGGCGCCG
AG

AG**CGGACCG**ACGCGTACGCGCGGCTCGAG - GFP Tag - GTTTAA



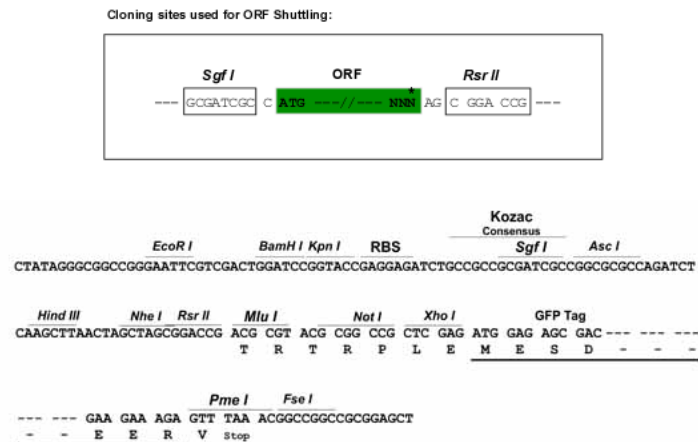
Protein Sequence: >RG223716 representing NM_030895
Red=Cloning site Green=Tags(s)

MEPGGEPTGAKESSTLMESLAAVKAAFLAQAPSGSRSAEVQAAQSTEPAAEAGAPEGEGHRGGPPRALGS
LGLCENQEARERPGRGPVTSEKTGGQSGLESDVPPNAGPGAEGGGSWKGRPFPCGACGRSFKCSSDA
AKHRSIHSGEKPYECSDCGKAFIHSSHVVRHQRAHSGERPYPACAECKAFQSFNLLRHQRVHTGEKPYA
CADCGKAFGQRSDAAKHRRTHHTGERLYACGECGRFLHSSNVVRHRRTHHGENPYECRECGQAFSQSSNL
LQHQRVHTGERPFACQDCGRAFSRSSFLREHCRHTGKPHQCCHCGRAFRALSGFFRHLHTGEKPFR
CTECGRAFRLSFHLIQHRRVHGAE

SGPTRRRLE - GFP Tag - V

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_030895

ORF Size: 1122 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_030895.1](#), [NP_112157.1](#)

RefSeq Size: 2692 bp

RefSeq ORF: 1125 bp

Locus ID: 79943

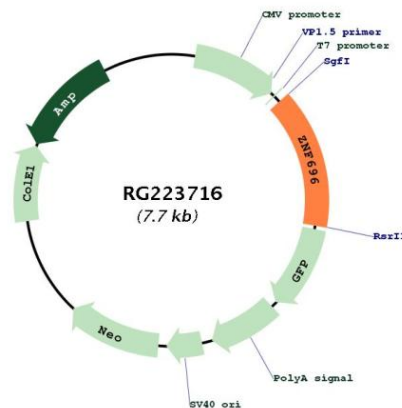
UniProt ID: [Q9H7X3](#)

Cytogenetics: 8q24.3

Domains: zf-C2H2

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

Product images:



Circular map for RG223716