

## Product datasheet for **RG215721**

### ZNF688 (NM\_001024683) Human Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: ZNF688 (NM\_001024683) Human Tagged ORF Clone  
Tag: TurboGFP  
Symbol: ZNF688  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-AC-GFP (PS100010)  
E. coli Selection: Ampicillin (100 ug/mL)  
ORF Nucleotide Sequence: >RG215721 representing NM\_001024683  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCGAGGTCTCCGCTGCGCTCCAGTCTGTCAACAGAGGCTTCAGGACCGGGGTCCCTTCAAATGCC  
CCGCCAGTCCCAGGCCAATCACCGCGCAGCTTCTCCGGGATCGTCGCAATCATCGGCCGTTGCGTATT  
GCGGGTACAGAGGGGATCCCAGGCCCAAACAGCCCTCATCTTTGGATGGAACAGGAGAGTGAGGCT  
TGGAGCCCCGCCCCAGGATCCTGAGAAGGGGAAAGACTGGGAGGAGCTCGGAGAGGAGATGTCCCAA  
ACAGGAAGGAAGAGAACCGGAGGAAGTCCCAAGAGCCAAAGGGCCTAGAAAGGCTCCTGTGAAGGAGAG  
TCCTGAAGTGCTGGTGGAAACGCAACCCTGACCCAGCTATTAGCGTGGCCCCGGCACGGGCACAGCCACCC  
AAAAATGCTGCCTGGGACCCGACCACAGGAGCACAGCCCCGGCACCCATACCCAGCATGGATGCTCAGG  
CCGGCCAGCGGCCACGTGTGCACGGACTGCGGCCGCCGCTTACCTACCCCTCACTGCTGGTCAGCCA  
CAGGCGCATGCACTCGGGGAGCGGCCCTTCCCCTGCCCGAGTGTGGCATGCGCTTCAAGAGGAAGTTC  
GCAGTGAAGCGCACAGTGGATCCACCGCTCCTGCTCCGGGGGGCGGGGGCCGGAGGCTGGGATCC  
GGGCTGTGCTCGGGCCCCCGTCCGAGGTGACCGGGACCCGCCTGTGCTTCCGGCACTACCCAGACAT  
CTTCGAGGAGTGCGGC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



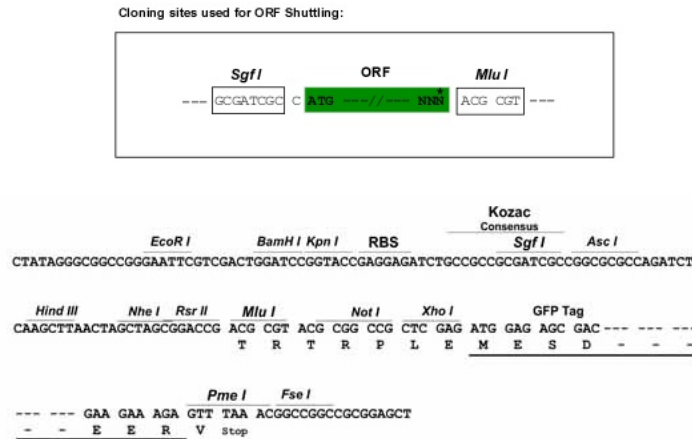
**Protein Sequence:** >RG215721 representing NM\_001024683  
 Red=Cloning site Green=Tags(s)

MPRSPLRSSLSTEASGPRGPFKCPASPRPITAQLLPGSSPIIGRCVLRVQRGFGPKPALISWMEQESEA  
 WSPAAQDPEKGERLGGARRGDVPNRKEEPEEVPRAKGPRKAPVKESPEVLVERNPDPAISVAPARAQPP  
 KNAAWDPTTGAQPPAIPISMDAQAGQRHVCTDCGRRFTYPSLLVSHRRMHSGERPFPCECGMRFKRFK  
 AVEAHQWIHRSCSGRRRGRPGIRAVPRAPVRGDRDPPVLFRRHYPDIFEECG

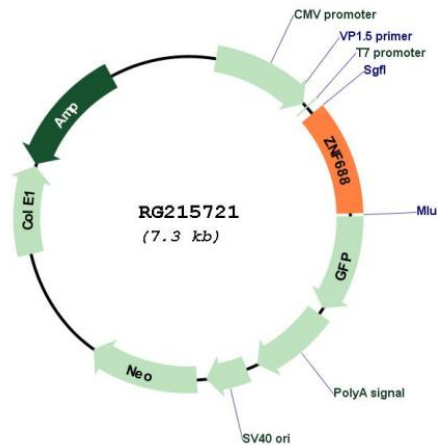
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001024683

**ORF Size:** 786 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001024683.1</a> , <a href="#">NP_001019854.1</a>
<b>RefSeq Size:</b>	1151 bp
<b>RefSeq ORF:</b>	789 bp
<b>Locus ID:</b>	146542
<b>UniProt ID:</b>	<a href="#">P0C7X2</a>
<b>Cytogenetics:</b>	16p11.2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]