

## Product datasheet for **RG217965**

### **ZNF629 (NM\_001080417) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ZNF629 (NM_001080417) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF629
Synonyms:	ZNF; ZNF65
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG217965 representing NM\_001080417  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGCCCGAGACTGCGCTGTGGGGCCCGGATCTGCAGGGTCCGGAACAGAGCCCCAACGATGCTCACA  
 GAGGTGCCGAGAGTGAAAACGAAGAGGAGAGCCCTCGGCAGGAAAGTTCTGGGGAGGAGATCATCATGGG  
 AGACCCGGCTCAGAGTCCAGAATCCAAGGACTCAACAGAGATGTCCTTGAGAGATCCTCCCAGGACCCC  
 TCTGTCCCCCAGAACCCCCAACCCCACTGGGTACTCCAATCCCTTGACCACCAGATCCCCCTGGACC  
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 CCCTATCTGTGCCCGAGTGTGGAGCCGGCTTACAGAAGTCGCAGCCCTCTGTCCATAGGAGCTGCC  
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**ACGGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

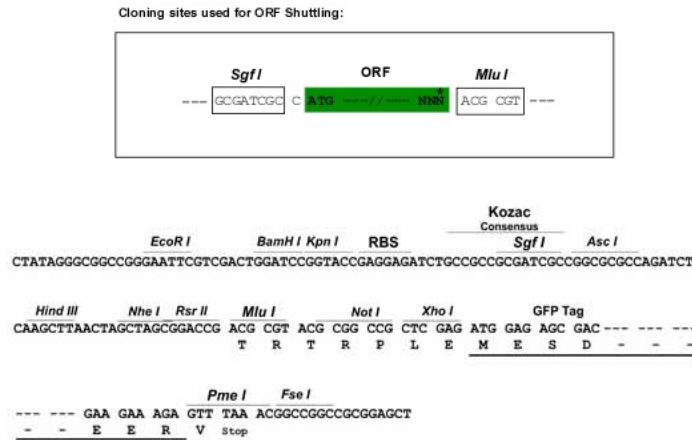
Protein Sequence: >RG217965 representing NM\_001080417  
 Red=Cloning site Green=Tags(s)

MEPETALWGPLDQGPEDPNDHRGAESENEEESPRQESSGEEIIMGDPAQSPESKSTEMSLERSSQDP  
 SVPQNPPPTPLGHSNPLDHQIPLDPPAPEVVPTPSDWTKACEASQWQWALTTWNSPPVVPANEPSSLREL VQ  
 GRPAGAEPKPYICNECGKSFQWSKLLRHQRIHTGERPNTCSECGKSF TQSSHLVQHQRTHTEKPKYCPD  
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 EGRAEAPGQPLKPPPEGQEGFSQRRGLLSKTYICSHCGESFLDRSVLLQHLTHGNEKPFLLFPDYRIGLG  
 EGAGSPFPLSGKPFKCECKQSFGLSSELLLHQKVHAGGKSSQKSPELGKSSSVLLEHLRSPLGARPYRC  
 SDCRASFLDRVALTRHQETHTEKPPNPEDPPPEAVTLSTDQEGEGETPTPTESSHGEQNPKTLVEEK  
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TRTRPLE - GFP Tag - V

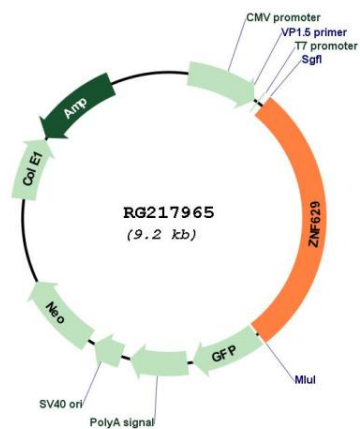
Restriction Sites: SgfI-MluI

Cloning Scheme:



<b>ACCN:</b>	NM_001080417
<b>ORF Size:</b>	2607 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_001080417.3</a>
<b>RefSeq Size:</b>	6087 bp
<b>RefSeq ORF:</b>	2610 bp
<b>Locus ID:</b>	23361
<b>UniProt ID:</b>	<a href="#">Q9UEG4</a>
<b>Cytogenetics:</b>	16p11.2
<b>Gene Summary:</b>	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for RG217965