

Product datasheet for **RG213053**

ZNF160 (NM_033288) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF160 (NM_033288) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF160
Synonyms:	F11; HKr18; HZF5; KR18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG213053 representing NM_033288
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG213053 representing NM_033288
 Red=Cloning site Green=Tags(s)

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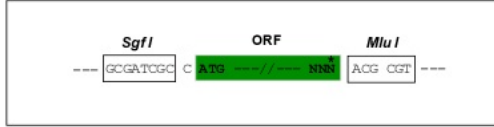
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TRTRPLE - GFP Tag - V

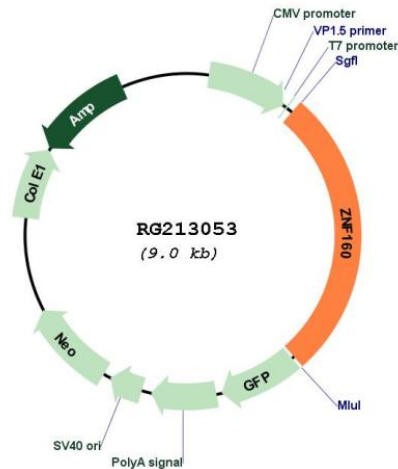
Restriction Sites: Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:



<i>EcoR I</i>	<i>BamH I</i>	<i>Kpn I</i>	RBS	Kozac Consensus	<i>Sgf I</i>	<i>Asc I</i>
CTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGSAGATCTGCCGCCGATCGCCGGCGGCCAGATCT						
<i>Hind III</i>	<i>Nhe I</i>	<i>Rsr II</i>	<i>Mlu I</i>	<i>Not I</i>	<i>Xho I</i>	GFP Tag
CAAGCTTAACTAGCTAGCGGACCG <u>ACG CGT</u> ACG CGG CCG CTC GAG ATG GAG AGC GAC --- ---						
T R T R P L E M E S D - - -						
<i>Pme I</i> <i>Fse I</i>						
--- --- GAA GAA AGA GTT TAA ACGGCCGGCCGGGAGCT						
- - - E E R V Stop						

Plasmid Map:


ACCN: NM_033288

ORF Size: 2454 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.

RefSeq: [NM_033288.3](#)

RefSeq Size: 4895 bp

RefSeq ORF: 2457 bp

Locus ID: 90338

UniProt ID: [Q9HCG1](#)

Cytogenetics: 19q13.41-q13.42

Domains: KRAB, zf-C2H2

Protein Families: Transcription Factors

Gene Summary: The protein encoded by this gene is a Kruppel-related zinc finger protein which is characterized by the presence of an N-terminal repressor domain, the Kruppel-associated box (KRAB). The KRAB domain is a potent repressor of transcription; thus this protein may function in transcription regulation. Multiple transcript variants have been found for this gene. [provided by RefSeq, Apr 2016]