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Product datasheet for RG223876

ZFP28 (NM_020828) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP28 (NM_020828) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZFP28
Synonyms:	mkr5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

ORF Nucleotide Sequence:

>RG223876 representing NM_020828
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCGGGGGGCGGCGAGCGCGAGTGTCCGCGAGCCGACGCCGCTCCCGGGTAGAGGCGCCCCCCGCACAA
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GCGCTCAAGGAATGGCCTCGCATCCAAAGGCCAGCGAGGAGCGGCCCCTACGGGGCCTGGGCACAGAGCT
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AACCTAAAGCCATGTCCCAGGGCTTGGTGACATTTGGGGATGTGGCTGTAGATTTCTCCCAAGAGGAGTG
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TCGCTGGGACTTTGTGTTTCTAAGCCCGATGTGATCTCCTCGTTGGAACAAGGAAAAGAGCCTTGGACAG
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ACATGCCCCTCTTTACCTTCCACGTCAAATCCTGTGGATCTGTTTCCCAAATTTCTCTGGAATCCATCCT
CCCTCCCATCACCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG223876 representing NM_020828
Red=Cloning site Green=Tags(s)

MRGAASASVREPTPLPGRGAPRTKPRAGRGPTVGTPATLVLPGRGRPRSRNGLASKGQRGAAPTGPGHRA
LPSRDTALPQERNKKLEAVGTGIEPKAMSQGLVTFGDVAVDFSQEEWEWLNPIQRNLYRKVMLENYRNLA
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EYSLLGEHWDYDALFETQPGLVTIKNLAVDFRQQLHPAQKNFCKNGIWENNSDLGSAGHCVAKPDLVSLL
EQEKEPWMVKRELTGSLFSGQRSVHETQELFPKQDSYAEGVTDRTSNTKLDCSSFRENWDSDYVFGRKLA
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QLATHQRIHTGEKPYECKVCSKAFTQKAHLAQHQKTHTGEKPYECKECGKAFSQTTHLIQHQRVHTGEKP
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SLSVHQRIHSGKKPYECKECRKTFIQIGHLNQHKRVHTGERSYNYKKSRKVFRQTAHLAHHQRIHTGESS
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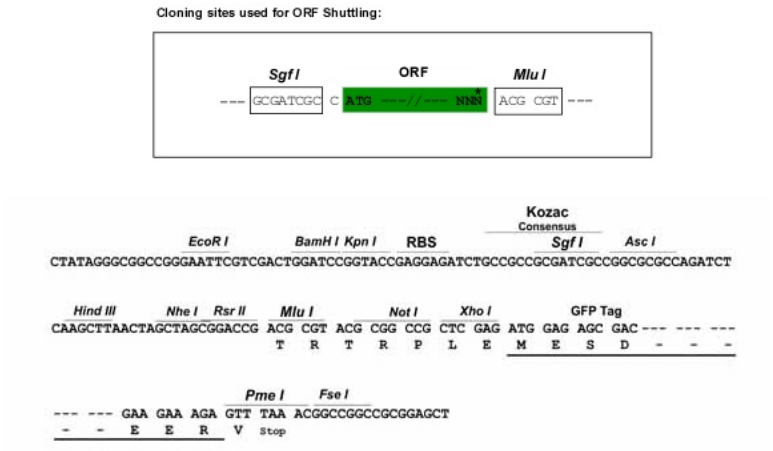
TRTRPLE - GFP Tag - V

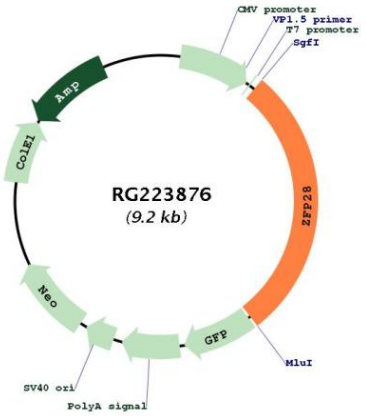
Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN:	NM_020828
ORF Size:	2604 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_020828.1, NP_065879.1
RefSeq Size:	4104 bp
RefSeq ORF:	2607 bp
Locus ID:	140612
UniProt ID:	Q8NHY6
Cytogenetics:	19q13.43
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation. May have a role in embryonic development. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG223876