

Product datasheet for **MG211004**

Zfp295 (BC027135) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp295 (BC027135) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp295
Synonyms:	5430437K12Rik; B430213I24Rik; mKIAA1227; Zfp295; Znf295
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG211004 representing BC027135
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGGACTGTGCTATTACATCAACCCAGCACATGCTATCTCTGCTCAGTGCCTCAATGAGGAGC
 GCCTCAAGGGACAGCTGTGTGACGTGCTCCTGATTGTTGGGACCAGAAAATCCGAGCTCATAAGAACGT
 CTTGGCTGCCAGCAGTGAGTACTTCCAGAGTTTATTACGAATAAGGAGAACGAGGCACAGACTGTCTTT
 CAGCTGGACTTCTGTGAGCCTGACGCTTTTGACAACTTCTGAACACTACTTTACTCTTCTCCCTTTTTG
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 CGTTGCCAAAGCCCTCAGGCTCCTTTCCAGCCTGTCCCAACAGGAAAAGAGTGCCAGTGAAGATGAT
 GAAACCAGCTCTCAAAGCGAAGTGTATTGTGTGTGTCAGGGCAGAAGTGAAGTCCAGGGAAAGCCAGTG
 GTCAGCCATGCAGGACCTCAGCCATACTGCCCGGCCCTCCCCAGTGTTCAGTCAAGACCACCATCAG
 TAAGCCACATGTGCCAAGCCGCCAGAGCAGCTTCATAGTCTGCCCTTAAGTAAAAGAGCTGGACAAAG
 GATAGTGTGTCAGTATATGCAAAGTCTCTGGAACAGGCTGGGGCTTTGGATGATCCTAATAGGGGCAAGT
 TGGTAAAGAGAAAATACAGTCTGCCCCAAAGCCTTACAGGACAGGGAGGCCACAGATGATAAACCCAGG
 GGTGAGCAGCCAGCTTCCAAGGGGAAAGCTATAGAGCTGGCTCTGAAGAGACCAGGCCCCCTGTTCTG
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 GTGAAGAGGGCAGGAGCCCTCCTCCCTTGACAGCAACTCCAGATTCTGACTTAAACAGAGAGGAGTT
 TGAGCAAGGCAACCACGAGCGCTTGTGCCGGAACGCCACCGTTTGGCCTTACTGCAGCCTCAGGTTCTTC
 TCTCCGCACTGAAGCAGGAACATGAGGACAGGTGTGAGTACAAAAGCTGACTTGCCTGGAGTGCATGC
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 GCTGTTTGCACCCAGGAGTACAGATACCCTCTTACCACGCCCCACCCCTTTCAGCAATCACATTTAAA
 AGACAGTTCATGTGCAAGCTCTGCCATAGGACATTCAAGACGGCCTTCAGTCTTTGGAGTCATGAGCAGA
 CACACAAT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >MG211004 representing BC027135
 Red=Cloning site Green=Tags(s)

MEGLLHYINPAHAISLLSALNEERLKGQLCDVLLIVGDQKFAHKNVLAASSEYFQSLFTNKENEAQTVF
 QLDFCEPDAFDNVLNIIYSSSLFVEKGLAAVQELGYSLGISFLTNIVAKAPQAPFPACPNRKRVPVEDD
 ETSSQKRSVIVCQGRSEVPGKASGPAMQDL SHTARASPSASVKTTISKPHVAKPPEQLHSLPLTEKSWTK
 DSAAVYAKSLEQAGALDDPNRGSVLRNTVLPKPSQDREATDDKPGVSSQLPKGKAIELALKRPRPPVL
 SLHSSSETPYLLKETSKGGGQGEDRNLLYYSKLGIVVPSGGPASANQSIDRSGPLVKSLRRSLMSDSQV
 PVYSPSIDLKSSQGSSTAANEAPGSVFCMSQKSSLKDCSEKKALDDRPQVLQPHRLRSFSASQSTDREE
 ASPVTEVRIKTEPSSPLSDPSDIIRVTVGGDAAAAA VAAAAAAAAA TRDLPLKTEEDQRDMSRLPAKRRFQ
 TDRRSPLKAKANEHGPVSEENCEEGRSPPSLDSNFPDSDLNREEFEQGNHERLCRNATVCPYCSLRF
 SPALKQEHEDRCEYKKTCLCEMRTFKSSF SIWRHQVEVHNQNMALAEFALATLDHNGEVAASRPQT
 EPSKVNHVATPKEDTAFSDSSEQVNFDSSESSCLPEDLSL SKQLKVQVKEEPVEEAEAEASAAPREA
 GPSKETGLWPCEKCGKMF TAHKQLERHQELLCSVKPF ICHVCYKAFRTNFRLWSHFQTHMSQATEEPVQK
 ESEVCPVPTNSPSPPLPPPPPLPKIQPLEPDSPTGLPENPTPATEKLFAPQESDTLFYHAPPLSAITFK
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TRTRPLE - GFP Tag - V

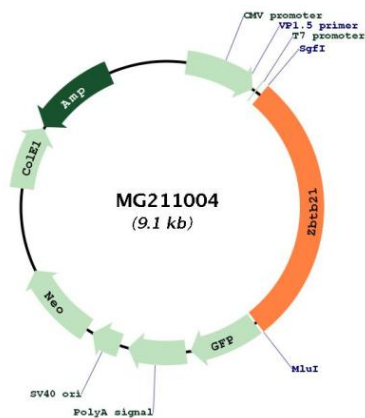
Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:	BC027135
ORF Size:	2600 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:	<ol style="list-style-type: none"> 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:	BC027135 , AAH27135
RefSeq Size:	2785 bp
RefSeq ORF:	2600 bp
Locus ID:	114565
Cytogenetics:	16 C4

Product images:


Circular map for MG211004