

Product datasheet for **MG215032**

Vrtn (NM_001168589) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Vrtn
Synonyms:	7420416P09Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



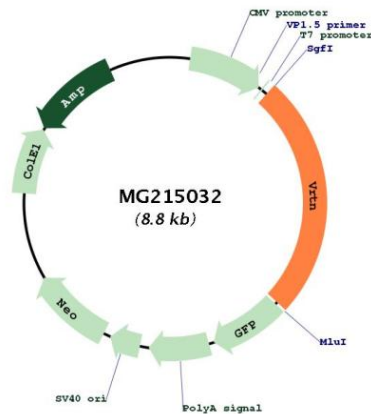
ORF Nucleotide Sequence: >MG215032 representing NM_001168589
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACGTCTCGGGATCAGCTGGTGCAGCAGGTGCTGCCGACCTGCAGGAGGCAGTGGAGTCCGAGGGCT
TAGAGGGTCTCATCGGTGCTGCCCTGGAGGCCAAGCAGGTCTATCTTCCTTACCCTTCCCATCTGCCA
GAAGGGCGGCCCTGGCGCTCAGGTGCTGGAGGTGGACTCAGTGGCCTTGAGTCTGTACCCGGAGGATGCT
CCTCGGAACATGCTGCCCTTGGTGTGCAAGGGTGAAGGGAGCCTGTTGTTTGAAGCGACCAGCCTGTTGT
TGTGGGGCACACGGGTCTCAGCCTGGAGCTGCCAGCCGCACTGTGGTGGAGATGCTGTCACACGGCA
CTATTATCTGCAGGGCATGATCGACTCCAAGGTGATGCTGCAGGCTGTGCGCTACTCCTTGTGCTGAG
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ACCAGTATTTTGGCCCTGTTGTTGGCTGGAGGAGGTGGAGGCTGACTGTACTGCTAGCCTGAACCCCGT
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AGAAGCCCGAGGAACAGCAGAGAAGCCGAGGGACGCGCAGAAGCCGAGGGACGGCAGAAGCCAGTTGAACC
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AGAGCCAACCCATAGTGGATCGTTGCCAAGCCAGACTCTGGCGGAGGCACCCGGGGCAGTATGGCA
GGTGTGGTATGGACATGCTTACCACCAGGTTCAAGGCCAGGCCAAGCTGTTCTGCAGAAGCGG
TTCCAGTCTAAGACTTTCCCTCCTACAAGGAGTTCAGGGCTCTTCCCTCACTGCCGCTCCACCT
ACTACATGTGAAGCGGGCTCTATGAGGTCTCACACTGATTGATGGC

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTAA

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001168589.2 , NP_001162061.1
RefSeq Size:	3094 bp
RefSeq ORF:	2223 bp
Locus ID:	432677
UniProt ID:	Q3SYK4
Cytogenetics:	12 D1

Product images:

Circular map for MG215032