

Product datasheet for **MG210629**

Bank1 (NM_001033350) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bank1 (NM_001033350) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Bank1
Synonyms:	A530094C12Rik; AI451642; AVIEF; BANK
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG210629 representing NM_001033350
 Red=Cloning site Blue=ORF Green=Tags(s)

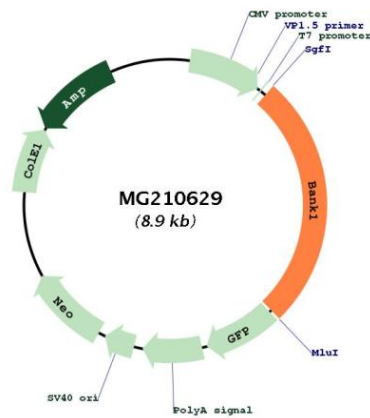
TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

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 GAAATGCAAAAAGATATCCTGTTGCTACATGAAGAAGATGCTGAGGAATGGGCTCTATACTTGAGAGAAAT
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 CGCCAAAAGAGTGCAGTTTCTGGAGAAGATACTCACTCAACAGGGAATGTAGTGACTTTGCTCTGTGG
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 ACATTATTGGGAAAAGGCCAGAAGATGAAAATGCCTATGATAAACTGACCATTGTGCACCATCCGAGTGG
 TAATACTGCCACAATGAAAATATGTTGTACAACAGTCCATTCAACAGTAAGTTTCTGCTCGAATCCAA
 GTTGAAAAGGAGTTTGGTTTCTGCTGCAAAAAGATCAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

- 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_001033350.2](#)
- RefSeq Size:** 3248 bp
- RefSeq ORF:** 2352 bp
- Locus ID:** 242248
- UniProt ID:** [Q80VH0](#)
- Cytogenetics:** 3 63.04 cM
- Gene Summary:** Involved in B-cell receptor (BCR)-induced Ca(2+) mobilization from intracellular stores. Promotes Lyn-mediated phosphorylation of IP3 receptors 1 and 2 (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG210629