

# Product datasheet for MG217734

## Fmr1nb (NM\_174993) Mouse Tagged ORF Clone

### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fmr1nb (NM_174993) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fmr1nb
Synonyms:	3830422N12Rik; NY-SAR-35; NYSAR35
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
<b>Restriction Sites:</b>	Sgfl-Mlul
Cloning Scheme:	Cloning sites used for ORF Shuttling:
	Safi ORF Miul

NM\_174993

714 bp

# Sgfi ORF Miui ---- GCGATCGCC C ATG ---- NIX ACG CGT ----

											ozac				
EcoR		RI	BamH B		IKpn1 F		RBS	RBS		Sgfl		F1	Asc /		
Hind III	Mhal	Der II							hal			CED T	-		
Hind III	Nhe I	and and a second second		U I	ACG		ot I		ho I	ATG		GFP T			 
Hind III CAAGCTTAACTA		and and a second second			ACG T		ot I CCG P		ho l GAG E	ATG M	GAG E		ag GAC D		 -

ACCN: ORF Size:

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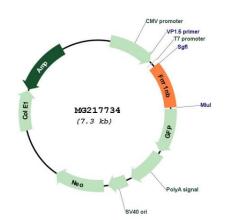
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#### OriGene Technologies, Inc.

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<b>GRIGENE</b> Fmr1	nb (NM_174993) Mouse Tagged ORF Clone – MG217734
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. <u>More info</u>
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> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
RefSeq:	<u>NM 174993.2, NP 778158.2</u>
RefSeq Size:	958 bp
RefSeq ORF:	717 bp
Locus ID:	207854
UniProt ID:	<u>Q80ZA7</u>
Cytogenetics:	X A7.1

## Product images:



Circular map for MG217734

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