

# Product datasheet for MG211659

## AnIn (NM\_028390) Mouse Tagged ORF Clone

### **Product data:**

Product Type:	Expression Plasmids								
Product Name:	Anln (NM_028390) Mouse Tagged ORF Clone								
Tag:	TurboGFP								
Symbol:	AnIn								
Synonyms:	1110037A17Rik; 2900037l21Rik; C78101; Scraps								
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:								



														ozac					
EcoR I			11		Bamh	II Kpn I		RBS				Sgfl		Asc /					
CTATA	GGG	CGGG	CCGGG	AAT	CGTO	GACT	GAT	CCGG!	ACCO	GAGG	AGATO	TGCC	GCCG	CGAT	CGCC	GGC	GCGC	CAGA	TCI
							0.00			2012						020			
Hin	nd III		Nh	21 8	Rsr II	MI	ul		N	otl	X	ho I			GFP T	ag			
-		ACT						ACG					ATG						
-		ACT						ACG					ATG M						
CAAGO		ACTI			GACCO	G ACG	CGT	T	CGG	CCG	CTC	GAG		GAG	AGC	GAC			
-		GAA	AGCT		GACCO	G ACG T	CGT R		CGG R	CCG P	CTC L	GAG		GAG	AGC	GAC			

 ACCN:
 NM\_028390

 ORF Size:
 3363 bp

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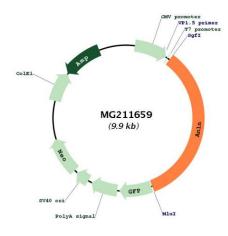
#### OriGene Technologies, Inc.

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<b>ORÎGENE</b> Anln (I	NM_028390) Mouse Tagged ORF Clone – MG211659
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 028390.3, NP 082666.2</u>
RefSeq Size:	5421 bp
RefSeq ORF:	3366 bp
Locus ID:	68743
UniProt ID:	<u>Q8K298</u>
Cytogenetics:	9 A3
Gene Summary:	Required for cytokinesis. Essential for the structural integrity of the cleavage furrow and for completion of cleavage furrow ingression. Plays a role in bleb assembly during metaphase and anaphase of mitosis. May play a significant role in podocyte cell migration. [UniProtKB/Swiss-Prot Function]

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# **Product images:**



Circular map for MG211659

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