

## Product datasheet for **MG212090**

### Crocc (BC054054) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Crocc (BC054054) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Crocc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG212090 representing BC054054 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

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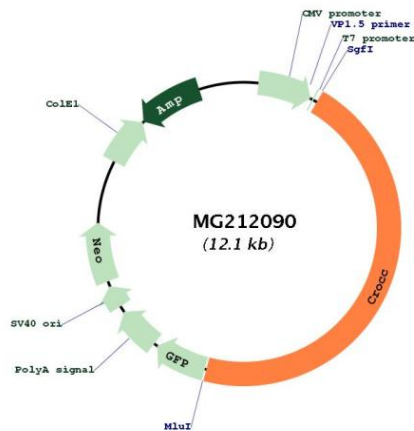
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<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC054054</a></u> , <u><a href="#">AAH54054</a></u>
<b>RefSeq Size:</b>	6298 bp
<b>RefSeq ORF:</b>	5537 bp
<b>Locus ID:</b>	230872
<b>Cytogenetics:</b>	4 D3
<b>Gene Summary:</b>	Major structural component of the ciliary rootlet, a cytoskeletal-like structure in ciliated cells which originates from the basal body at the proximal end of a cilium and extends proximally toward the cell nucleus (PubMed:12427867). Furthermore, is required for the correct positioning of the cilium basal body relative to the cell nucleus, to allow for ciliogenesis (By similarity). Contributes to centrosome cohesion before mitosis (By similarity). [UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for MG212090