

Product datasheet for **RG211656**

OC LM (NM_022375) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OC LM (NM_022375) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	OC LM
Synonyms:	TISR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	<p>>RG211656 representing NM_022375</p> <p>Red=Cloning site Blue=ORF Green=Tags(s)</p> <p>TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCCGATCGCC</p> <p>ATGGGGATGTATCCACCATTATTGTTAAAGATTTACCTTAGCAGACACATTAGTATACTCTTCTATTTAA AAATCCTTTATAAGAGTGGTATTATATGGCTATCCTGGTATTCTTTCATATTGTTAGTACTT</p> <p>ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA</p>
Protein Sequence:	<p>>RG211656 representing NM_022375</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MGMYPPLLLKIYLSRHISILFYLKILYKSGIWLWYSFILLVL</p> <p>TRTRPLE - GFP Tag - V</p>
Restriction Sites:	SgfI-MluI


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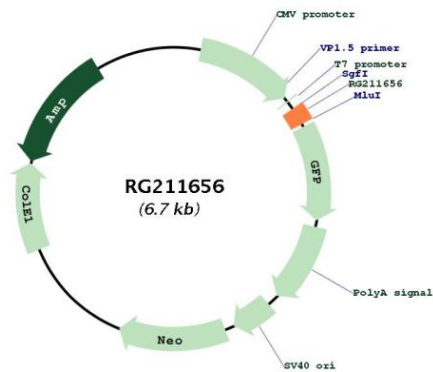
Cloning Scheme:



ACCN:	NM_022375
ORF Size:	132 bp
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. More info
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 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.

RefSeq:	<u>NM_022375.2, NP_071770.1</u>
RefSeq Size:	884 bp
RefSeq ORF:	135 bp
Locus ID:	10896
Cytogenetics:	1q31.1
Gene Summary:	DISCONTINUED: This record was withdrawn in collaboration with EMBL-EBI and HGNC. It was defined by AF142063.1, which lacks sufficient support to meet our criteria for representation as a distinct gene.

Product images:



Circular map for RG211656