

## Product datasheet for **MG203039**

### Clec7a (BC027742) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Clec7a (BC027742) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Clec7a
Synonyms:	BGR, beta-GR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203039 representing BC027742 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAATCACTCTCATATAGAGAATCTGGATGAAGATGGATATACTCAATTAGACTTCAGCACTCAAG  
ACATCCATAAAAGGCCAGGGGATCAGAGAAAGGAAGCCGGCTCCATCTTCACCTTGGAGGCCATTGC  
AGTGGTTTAGGAATCCTGTGCTTTGTGGTAGTAGTGGTTGCTGCAGTGTAGGTGCCCTAGCATTTTGG  
AGACACAATTCAGGGAGAAATCCAGAAGAGAAAGACAACCTCCCATCAAGAAATAAAGAGAACCACAAGC  
CCACAGAATCATCTTTAGATGAGAAGGTGGCTCCCTCCAAGGCATCCCAAACACAGGAGGTTTTTCTCA  
GCCTTGCCTTCTAATTGGACCATGCATGGGAAGAGCTGTTACCTATTTAGCTTCTCAGGAAATTCCTGG  
TATGGAAGTAAGAGACTGCTCCAGCTAGGTGCTCATCTACTGAAGATAGACAACCAAAAGAATTTG  
AGTTCAATTGAAAGCCAAACATCATCTCACCATATTACTGCATTTTGGATAGGCCTTTCCCGCAATCAGAG  
TGAAGGGCCATGGTTCTGGGAGGATGGATCAGCATTCTTCCCAACTCGTTTCAAGTCAGAAATACAGCT  
CCCAGGAAAGCTTACTGCACAATTGTGTATGGATTCATGGATCAGAGGTCTACAACCAATCTGCAATA  
CTTCTTCATACAGTATCTGTGAGAAGGAAGT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG203039 representing BC027742  
Red=Cloning site Green=Tags(s)

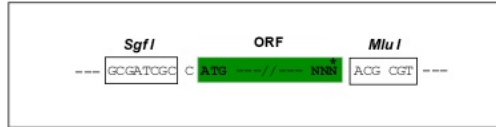
MKYHSHIENLDEDGYTQLDFSTQDIHKRPRGSEKGSRAPSSPWRPIAVGLGILCFVVVVAAVLGALAFW  
 RHNSGRNPEEKDNFPPSRNKENHKPTESLDEKVAPSKASQTTGGFSQPCLPNWTMHGKSCYLFSFSGNSW  
 YGSKRHCSQLGAHLLKIDNSKEFEFIESQTSSSHITAFWIGLSRNQSEGPWFWEDGSAFFPNSFQVRNTA  
 PQESLLHNCVWIHGSEVYNQICNTSSYSICEKEL

TRTRPLE - GFP Tag - V

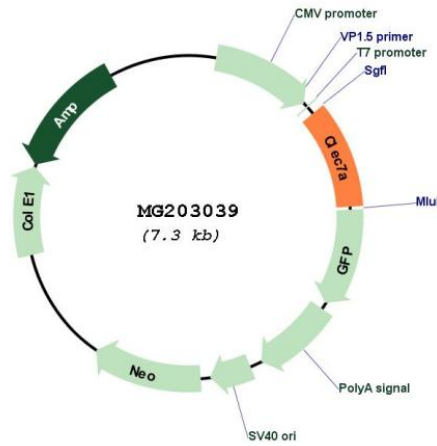
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**Plasmid Map:**



**ACCN:** BC027742

**ORF Size:** 734 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">BC027742</a> , <a href="#">AAH27742</a>
<b>RefSeq Size:</b>	1329 bp
<b>RefSeq ORF:</b>	734 bp
<b>Locus ID:</b>	56644
<b>Cytogenetics:</b>	6 F3