

## Product datasheet for **MG204808**

### Alg11 (BC061469) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Alg11 (BC061469) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Alg11  
**Synonyms:** AI849156; AW492253; B230397C21; Mmat-4(5)  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG204808 representing BC061469  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAGCGGTTCTGATGTTTACATCGACTCAATGGGATACGCCTTCACACTCCCTCTCTTTAAGTATG  
TGGGAGGTTGCCGAGTCGGAAGCTATGTTCACTATCCCACGATCAGCACTGACATGCTGTCTGTGGTGAA  
GAATCAGAATCCTGGATTAATAATGCTGCTTTCATTAGCAGAAATGCTTCTCAGCAAAGCAAAGCTC  
ATCTATTACTATTTATTTGCTTTTGTATGGCCTTGTGGATCTGCAGTGACATAGTCATGGTTAATT  
CTTCTTGGACATTAACCATATCCTCTCACTGTGGAAGGTTGGCATTGCACTAACATTGTCTATCCACC  
TTGTGATGTGCAGACATTTCTGGACATCCCTTTACATGAGAAGAAGGTGACCCAGGGCATTGCTGGTT  
TCCATTGGCCAGTTCAGACCTGAAAAGAATCATGCTTTGAGATCAAAGCCTTTGCTAAATTGTTAAATG  
AGAAAGCAGCTGAGTTAGGCCATTTCTTAAACTGTCTTATTGGAGGGTGTGCGCAACAAAGATGATGA  
GTTTAGAGTAAACCAACTGAGAAGTCTATCTGAGAATTTGGGAGTTCAAGAAAATGTGGAATTTAAATA  
AACATTTCAATCGATGAATTGAAGAATTACTTGTCTGAAGCGACCATCGGTCTGCATACTATGTGGAATG  
AGCATTTTGGGATTGGAGTTGTCGAGTGTATGGCAGCTGGCACAGTTATCCTTGCACACAACTCAGGAGG  
CCCGAAGCTGGACATTGTCAATCCTCATGAAGGACAGATAACTGGCTTTCTGGCTGAGAGTGAAGAAGGC  
TATGCTGACTCTATGGCTCACATTTCTCTGTCTGCAGAAGAGAGACTCCAAATCAGGAAGAATGCTA  
GAGCGTCTATAAGCAGATTCTCCGACCAGGAGTTTGAAGTAGCATTCTGTGTTCCATGGAGAAGTTACT  
TACT

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



[View online »](#)

**Protein Sequence:** >MG204808 representing BC061469  
 Red=Cloning site Green=Tags(s)

MQRVPDVYIDSMGYAFTLPLFKYVGGCRVGSYVHYPTISTDMLSVVKNQNPGFNNAAFISRNALLSKAKL  
 IYYLFAFVYGLVGSCSDIVMVNSSWTLNHILSLWKVGHCTNIVYPPCDVQTFLDIPLHEKKVTPGHLV  
 SIGQFRPEKNHALQIKAFKLLNEKAAELGHSLKLVLIGGCRNKDDEFVRVQLRSLSENLVQENVEFKI  
 NISFDELKNYLSEATIGLHTMWNEHFGIGVVECAAGTVILAHNSGGPKLDIVIPHEGQITGFLAESEEG  
 YADSMHILSLSAEERLQIRKNARASISRFSDQEFVAFVFLCSMEKLLT

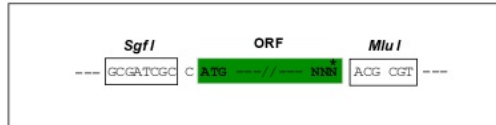
TRTRPLE - GFP Tag - V

**Restriction Sites:**

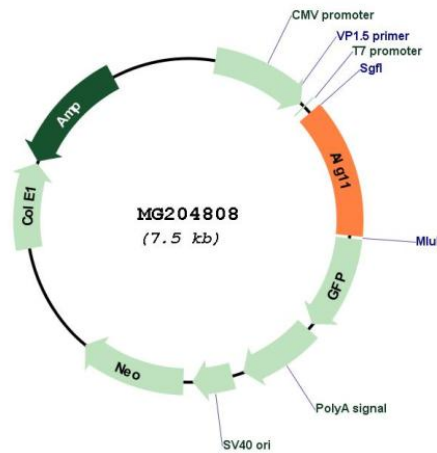
SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** BC061469

**ORF Size:** 986 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="#">BC061469</a> , <a href="#">AAH61469</a>
<b>RefSeq Size:</b>	4978 bp
<b>RefSeq ORF:</b>	986 bp
<b>Locus ID:</b>	207958
<b>Cytogenetics:</b>	8 A2
<b>Gene Summary:</b>	Mannosyltransferase involved in the last steps of the synthesis of Man5GlcNAc(2)-PP-dolichol core oligosaccharide on the cytoplasmic face of the endoplasmic reticulum. Catalyzes the addition of the 4th and 5th mannose residues to the dolichol-linked oligosaccharide chain (By similarity).[UniProtKB/Swiss-Prot Function]