

## Product datasheet for **MG227007**

### **II9 (NM\_008373) Mouse Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** II9 (NM\_008373) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** II9  
**Synonyms:** II-9; P40  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG227007 representing NM\_008373  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTTGGTGACATACATCCTTGCCTCTGTTTTGCTCTTCAGTTCTGTGCTGGGCCAGAGATGCAGACCA  
 CATGGGGCATCAGAGACACCAATTACCTTATTGAAAATCTGAAGGATGATCCACCGTCAAATGCAGCTG  
 CAGCGGCAACGTGACCAGCTGCTGTGTCTCTCCGTCCCAACTGATGATTGTACCACACCGTGCTACAGG  
 GAGGGACTGTTACAGCTGACCAATGCCACACAGAAATCAAGACTCTTGCCTGTTTTCCATCGGGTAAAA  
 GGATAGTTGAAGTCCTAAAGAACATCACGTGTCCTTTTCTGCGAAAAGCCATGCAACCAGACCAT  
 GGCAGGCAACACACTGTCATTTCTGAAGAGTCTCCTGGGGACGTTCCAGAAGACAGAGATGCAAAGGCAG  
 AAAAGCCGACCA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG227007 representing NM\_008373  
 Red=Cloning site Green=Tags(s)

MLVTYILASVLLFSSVLGQRCSTTWGIRDNYLIENLKDDPPSKCSCSGNVTSCCLSVPTDDCTTPCYR  
 EGLLQLNATQKSRLLPVHRVKRIVEVLKNITCPSFSCEKPCNQTMAGNTLSFLKSLLGTFQKTEMQRQ  
 KSRP

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



[View online »](#)



<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>NM_008373.2</u>
<b>RefSeq Size:</b>	536 bp
<b>RefSeq ORF:</b>	435 bp
<b>Locus ID:</b>	16198
<b>UniProt ID:</b>	<u>P15247</u>
<b>Cytogenetics:</b>	13 30.06 cM
<b>Gene Summary:</b>	Supports IL-2 independent and IL-4 independent growth of helper T-cells.[UniProtKB/Swiss-Prot Function]