

## Product datasheet for **MG226532**

### Il1rn (NM\_001159562) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Il1rn (NM\_001159562) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Il1rn  
**Synonyms:** F630041P17Rik; IL-1ra  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG226532 representing NM\_001159562  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGACAGCAGCACAGGCTGAGGCAGCCTGCCGCCCTTCTGGAAAAGACCCTGCAAGATGCAAGCCTTCA  
 GAATCTGGGATACTAACCAGAAGACCTTTACCTGAGAAAACAACCAGCTCATTGCTGGGACTTACAAGG  
 ACCAAATATCAAAGTAAAGAAAAGATAGACATGGTGCCTATTGACCTTCATAGTGTGTTCTTGGGCATC  
 CACGGGGCAAGCTGTGCTGTCTTGCCAAGTCTGGAGATGATATCAAGCTCCAGCTGGAGGAAGTTA  
 ACATCACTGATCTGAGCAAGAACAAGAAGAAGACAAGCGCTTTACCTTCATCCGCTCTGAGAAAGGCC  
 CACCACCAGCTTTGAGTCAGCTGCCTGTCCAGGATGGTTCTCTGCACAACACTAGAGGCTGACCGTCT  
 GTGAGCCTACCAACACACCGGAAGAGCCCTTATAGTCACGAAGTTCTACTTCCAGGAAGACCAA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG226532 representing NM\_001159562  
 Red=Cloning site Green=Tags(s)

MTAAQAEAAACRPSGKRPKMQAFRIWDTNQTFFYLRRNQLIAGYLQGPNIKLEEKIDMVPIDLHSVFLGI  
 HGGKLCCLCAKSGDDIKLQLEEVNITDLSKNKEEDKRFTFIRSEKGPSTSFESAACPGWFLCTTLEADRP  
 VSLTNTPEEPLIVTKFYFQEDQ

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI

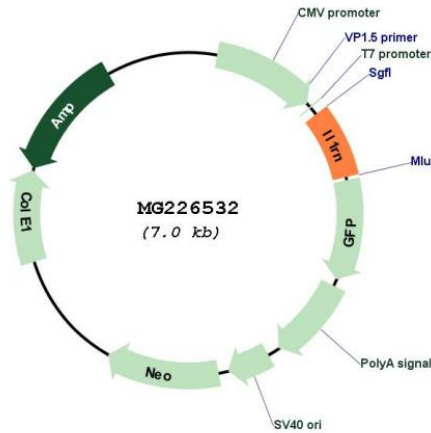


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Cloning Scheme:



Plasmid Map:



ACCN:

NM\_001159562

ORF Size:

486 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.

<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_001159562.1, NP_001153034.1</u>
<b>RefSeq Size:</b>	2409 bp
<b>RefSeq ORF:</b>	489 bp
<b>Locus ID:</b>	16181
<b>Cytogenetics:</b>	2 16.36 cM
<b>Gene Summary:</b>	Inhibits the activity of interleukin-1 by binding to receptor IL1R1 and preventing its association with the coreceptor IL1RAP for signaling. Has no interleukin-1 like activity. [UniProtKB/Swiss-Prot Function]