

## Product datasheet for **MG221729**

### Igfl3 (NM\_001003393) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Igfl3 (NM\_001003393) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Igfl3  
**Synonyms:** Gm580; Igfl; Rprc483  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG221729 representing NM\_001003393  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGATAAGAAATGCTTGTGCTGTCCTTATTGAAGTACTCCTGTTTATACTTGAAGGAGTTACAGGAG  
CTCGAAAAATTTCAACTTCTCAGGCCCTGGCTCATGGCCGTGCAATCCAAGTGTGATGGCAGAACTTA  
CAACCCCTCAGAGGAGTGTGTGTTTCATGACACCATCCTGCCCTTAAGCGGATTAACCTCTGTGGCCCT  
AGCTGCACCTACAGGCCCTGCTTTGAGCTCTGCTGCTGAGTCCATAGCCCCAAGAAGAAATTTATTG  
TCAAGCTTAAAGTTCATGGAGAGAGATCCATTGCAGTTCATCCCCTATCTCCAGGAACTGTAAGGCAA  
CAAGATTTTTCATGGAGAAGATATTGAAGACAACCAACTTCTCTTAGGAAAAAAGTGGTGACCAGCCT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG221729 representing NM\_001003393  
Red=Cloning site Green=Tags(s)  
MKIRNACAVLIEVLLFILEGVTGARKISTFSGPGSWPCNPKCDGRTYNPSEECVHDTILPFKRINLCGP  
SCTYRPFELCCPESYSPKKFIVKLKVHGRSHCSSSPISRNCKSNKIFHGEDIEDNQLSLRKKSGDQP

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI

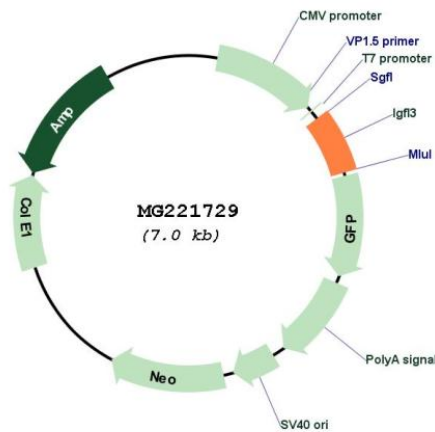


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Cloning Scheme:



Plasmid Map:



ACCN: NM\_001003393

ORF Size: 420 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](#)

<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>	<u><a href="#">NM_001003393.1</a></u> , <u><a href="#">NP_001003393.1</a></u>
<b>RefSeq Size:</b>	575 bp
<b>RefSeq ORF:</b>	423 bp
<b>Locus ID:</b>	232925
<b>UniProt ID:</b>	<u><a href="#">Q6B9Z0</a></u>
<b>Cytogenetics:</b>	7 A2
<b>Gene Summary:</b>	Probable ligand of the IGFLR1 cell membrane receptor.[UniProtKB/Swiss-Prot Function]