

## Product datasheet for **MG202076**

### Josd1 (NM\_028792) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Josd1 (NM\_028792) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Josd1  
**Synonyms:** 1300006C06Rik; mKIAA0063  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG202076 representing NM\_028792  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAGTTGCGTGCCATGGAAAGGAGACAAGGCCAAAGCTGAATCCTCGGACCTTCCCAAGCAGCGCCCC  
 CACAAATCTACCATGAGAAGCAGCGCAGGGAGCTCTGTGCTTTCATGCTCTCAACAACGCTTCCAGGA  
 CAGCAACGCCTTACGCGGGAAACGCTGCAGGAGATTTCCAGAGGCTGTCTCGAACACTATGGTGACG  
 CCCCACAAGAAGAGCATGCTGGGAAATGGGAATATGATGTGAATGTCATCATGGCAGCACTTCAAACCA  
 AAGGCTATGAAGCTGTTTGGTGGGACAAGCGAAGGGACGTGGGTGTCATTGCTCTTACTAATGTCATGGG  
 CTTTCATCATGAACCTGCCCTCCAGCCTCTGCTGGGGTCCACTCAAGTTGCCTCTCAAAGACAGCACTGG  
 ATCTGTGTTTCGTGAGGTGGGAGGGCCTACTACAACCTTGACTCCAAACTCAAGATGCCAGAGTGGATTG  
 GAGGCGAGAGTGAGCTCAGGAAATTTCTAAAATACCATTTGCGAGGTA AAAACTGTGAACCTCTACTGTT  
 TGTACCGGAAGAAGTGAAGCCCATCAGAGCTGGAGGGCCGACGTG

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >MG202076 representing NM\_028792  
 Red=Cloning site Green=Tags(s)

MSCVPWKGDKAKAESSDLPQAAPPQIYHEKQRRELCALHALNNVFQDSNAFTRETLQEIFQRLSPNTMVT  
 PHKKSMLGNGNYDVNVI MAALQTKGYEAVWWDKRRDVGVI ALTNVMGFIMNLPSSLCWGPKLPLKRQHW  
 ICVREVGAYYNLDSKLMPEWIGGESELRKFLKYHLRGKNCELLLVVPEEVEAHQSWRADV

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI

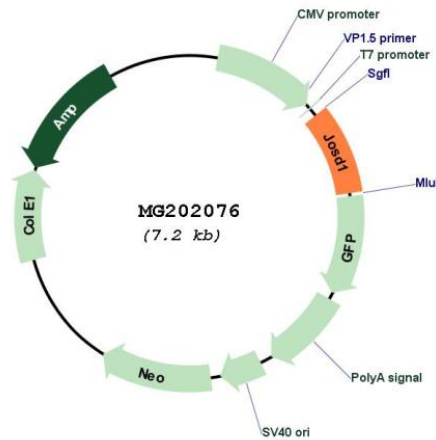


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Cloning Scheme:



Plasmid Map:



ACCN: NM\_028792

ORF Size: 606 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.

Components: 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_028792.3](#), [NP\\_083068.1](#)

**RefSeq Size:** 3340 bp

**RefSeq ORF:** 609 bp

**Locus ID:** 74158

**UniProt ID:** [Q9DBJ6](#)

**Cytogenetics:** 15 E1

**Gene Summary:** Deubiquitinates monoubiquitinated probes (in vitro). When ubiquitinated, cleaves 'Lys-63'-linked and 'Lys-48'-linked poly-ubiquitin chains (in vitro), hence may act as a deubiquitinating enzyme. May increase macropinocytosis and suppress clathrin- and caveolae-mediated endocytosis. May enhance membrane dynamics and cell motility independently of its catalytic activity (By similarity).[UniProtKB/Swiss-Prot Function]