

Product datasheet for MR202076

Josd1 (NM_028792) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Josd1 (NM_028792) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Josd1
Synonyms: 1300006C06Rik; mKIAA0063
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR202076 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGTTGCGTGCCATGGAAAGGAGACAAGGCCAAAGCTGAATCCTCGGACCTTCCCCAAGCAGCGCCCC
 CACAAATCTACCATGAGAAGCAGCGCAGGGAGCTCTGTGCTCTTCATGCTCTCAACAACGCTTCCAGGA
 CAGCAACGCCTTCACGCGGGAACGCTGCAGGAGATTTCCAGAGGCTGTCTCGAACACTATGGTGACG
 CCCCACAAGAAGAGCATGCTGGAAATGGGAATATGATGTGAATGTCATCATGGCAGCACTTCAAACCA
 AAGGCTATGAAGCTGTTTGGTGGGACAAGCGAAGGGACGTGGGTGTCATTGCTCTTACTAATGTCATGGG
 CTTTCATCATGAACCTGCCCTCCAGCCTCTGCTGGGGTCCACTCAAGTTGCCTCTCAAAGACAGCACTGG
 ATCTGTGTTTCGTGAGGTGGGAGGGGCTACTACAACCTTGACTCCAAACTCAAGATGCCAGAGTGGATTG
 GAGGCGAGAGTGAGCTCAGGAAATTTCTAAAATACCATTTGCGAGGTAAAACTGTGAACCTCTACTGTT
 GTACCGGAAGAAGTGAAGCCCATCAGAGCTGGAGGGCCGACGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR202076 protein sequence
 Red=Cloning site Green=Tags(s)

MSCVPWKGDKAKAESSDLPQAAPPQIYHEKQRRELCALHALNNVFQDSNAFTRETLEIFQRLSPNTMVT
 PHKKSMLGNGNYDVNVIMAALQTKGYEAVWWDKRRDVGVIALTVMGFIMNLPSSLCWGPLKPLKRQHW
 ICVREVGAYYNLDSKLMPEWIGGESELRKFLKYHLRGKNCELLLVPEEVEAHQSWRADV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_028792

ORF Size: 609 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: 3394 bp

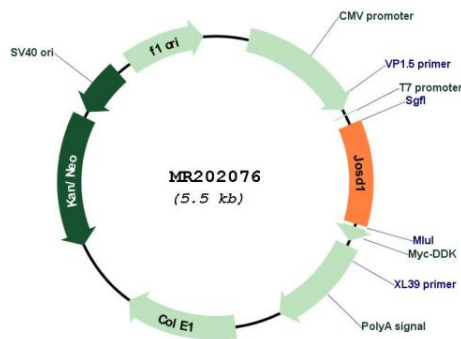
RefSeq ORF: 609 bp

Locus ID: 74158

UniProt ID: [Q9DBJ6](#)

Cytogenetics:	15 E1
MW:	23.2 kDa
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]

Product images:



Circular map for MR202076