

Product datasheet for **MR224576**

Josd2 (NM_025368) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Josd2 (NM_025368) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Josd2
Synonyms:	1110007C05Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR224576 representing NM_025368 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTCAGGCTCCGGAAGCAAGGCCGAGTCCACCCTCAGTGTATCATGAGCGGCAGCGGCTAGAGCTGT
GTGCTGTCCATGCTCTCAACAACGTCCTCAAGAGCAGCTCTTAGCCAGGAGGCTGCCGACGAAATCTG
CAAGAGGCTAGCCCCAGATTCCCGGCTGAACCCCATCGAGTCTCTTGGGCACCGGCAACTATGATGTC
AACGTGATCATGGCTGCCCTGCAGGGCCTGGCCGCTGTGTGGTGGACAGGAGGAGACCCCTGT
CCCAGCTGGCCCTGCCCCAGGTACTAGGCCTGATCTTGAACCTACCTCTCCTGTGTCGCTGGGGCTGCT
GTCCCTGCCACTGCGCCGCCGACACTGGGTGGCCCTGCGACAGGTAGATGGCATCTACTATAATCTGGAC
TCAAAGCTCCGGGCCCTGAAGCCTGGGGGACGAGGATGGAGTCAGGACCTTCCTGGCAGCTGCCTTGG
CCCAAGGCCTGTGCGAGGTGCTATTGGTGGTGACCAAGGAGGTGGAGGAGGCCGGCTGCTGGCTGAACAC
AAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR224576 representing NM_025368 Red=Cloning site Green=Tags(s)
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MSQAPEARPPSPVYHERQRLCAVHALNNVLQEQLFSQEADEICKRLAPDSRLNPHRSLTGTGNYDV
NVIMAAALQGLGLAAVWDRRRPLSQLALPQVLGLILNLPSPVSLGLSLPLRRRHWWALRQVDGIYYNLD
SKLRAPEALGDEGVRTFLAAALAQGLCEVLLVVTKEVEEAGCWLNTS

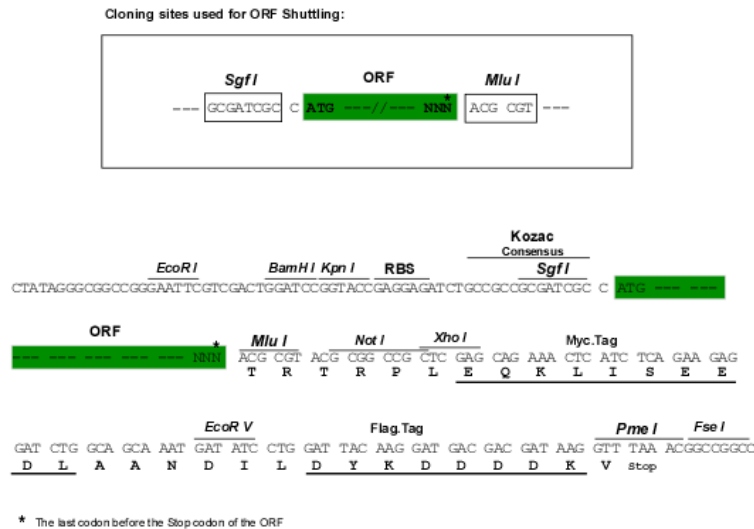
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_025368

ORF Size: 564 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

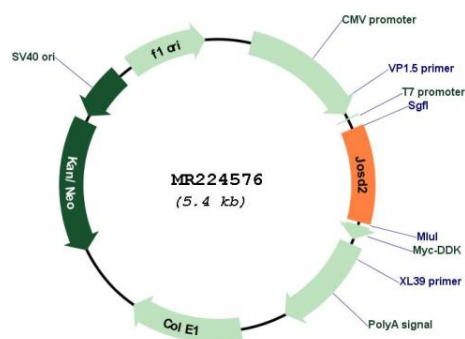
RefSeq: [NM_025368.4](#), [NP_079644.1](#)

RefSeq Size: 853 bp

RefSeq ORF: 567 bp

Locus ID:	66124
UniProt ID:	Q9CR30
Cytogenetics:	7 B3
MW:	21.2 kDa
Gene Summary:	Cleaves 'Lys-63'-linked poly-ubiquitin chains, and with lesser efficiency 'Lys-48'-linked poly-ubiquitin chains (in vitro). May act as a deubiquitinating enzyme (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR224576