

Product datasheet for RN209677

Josd1 (NM_001025009) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Josd1 (NM_001025009) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Josd1
Synonyms:	RGD1305388
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209677 representing NM_001025009 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTTGCATGCCATGGAAAGGAGACAAGGCCAAATCTGAATCCTTGGAGCTTCCCCAGGCAGCACCCC
CACAAATCTACCATGAGAAGCAGCGCAGGGAGCTCTGTGCCCTTCATGCTCTCAACAACGTCTTCCAGGA
CAGCAACGCCCTCACGCGGGAACGCTGCAGGAGATTTCCAGAGGCTGTCTCCGAACACTGTGGTGACG
CCCCACAAGAAGAGCATGCTGGGAAATGGGAATTATGATGTGAATGTCATCATGGCGGCCCTTCAAACAA
AAGGATATGAAGCTGTTTGGTGGGACAAGCGCAGGGACGTGGGTGTTATTGCTCTTGCTAACGTCATGGG
CTTCATCATGAACCTGCCCTCCAGCCTGTGCTGGGGTCCACTCAAGTTGCCTCTCAAAGGCAGCACTGG
ATCTGTGTTTCGTGAGGTGGGAGGGGCTACTACAACCTTGACTCCAAACTCAAGATGCCAGAGTGGATTG
GAGGCGAGAGTGAGCTCAGGAAATTTCTAAAATACCATTTGCGAGGTA AAAACTGTGAACCTCTACTGTT
GGTACCAGAAGAAGTGAAGCCCATCAGAGCTGGAGGGCCGACGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001025009
Insert Size:	609 bp



[View online »](#)

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none">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:	<u>NM_001025009.1, NP_001020180.1</u>
RefSeq Size:	2724 bp
RefSeq ORF:	609 bp
Locus ID:	315134
UniProt ID:	<u>Q5BJY4</u>
Cytogenetics:	7q34
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]