

## Product datasheet for **SC330863**

### Josephin 2 (JOSD2) (NM\_001270640) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Josephin 2 (JOSD2) (NM\_001270640) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** JOSD2  
**Synonyms:** SBB154  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC330863 representing NM\_001270640.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

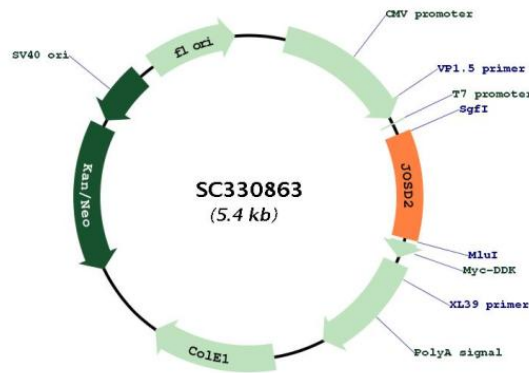
```
ATGTCCCAGGCCCGGGAGCACAGCCGAGCCACCCACCGTGTACCACGAACGGCAGCGCCTGGAGCTG
TGTGCTGTCCACGCCCTCAACAACGTTCTGCAGCAGCAGCTCTTTAGCCAGGAGGCTGCCGATGAGATC
TGCAAGAGGTTGGCCCCAGACTCCCGGCTGAACCCTCATCGCAGCCTCCTGGGCACCGGCAACTATGAT
GTCAATGTGATCATGGCCGCTCTGCAGGGGCTGGGCCTGGCCGCCGTGTGGTGGGACAGGAGGAGGCC
CTGTCCCAGCTGGCCCTGCCAGGTAAGTGGGGCTGATCCTGAACCTGCCCTCGCCCGTGTGCTGGGG
CTGCTGTCACTGCCGCTGCGCCGGCGGCACTGGGTGGCCCTGCGCCAGGTGGACGGTGTCTACTACAAC
CTGGACTCCAAGCTGCGGGCGCCGAGGCCCTGGGGGATGAGGACGGAGTCAGGGCCTTCTGGCGGCT
GCGCTGGCCAGGGCCTGTGCGAGGTGCTGCTGGTGTGACCAAGGAGGTGGAGGAGAAGGGCAGCTGG
CTGCGGACAGACTGA
```

**Restriction Sites:** Sgfl-Mlul



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Plasmid Map:



**ACCN:** NM\_001270640

**Insert Size:** 567 bp

**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:**

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\\_001270640.1](#)

**RefSeq Size:** 1014 bp

**RefSeq ORF:** 567 bp

**Locus ID:** 126119

**UniProt ID:** [Q8TAC2](#)

**Cytogenetics:** 19q13.33

**Protein Families:** Druggable Genome

**MW:** 20.8 kDa

**Gene Summary:** This gene encodes a protein containing a Josephin domain. Josephin domain-containing proteins are deubiquitinating enzymes which catalyze the hydrolysis of the bond between the C-terminal glycine of the ubiquitin peptide and protein substrates. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]

Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1, 2, 4 and 5 encode the same isoform (1).