

Product datasheet for **RG232034**

Josephin 2 (JOSD2) (NM_001270686) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Josephin 2 (JOSD2) (NM_001270686) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: JOSD2
Synonyms: SBB154
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG232034 representing NM_001270686
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCCAGGCCCGGGAGCACAGCCGAGCCACCCACCGTGTACCACGAACGGCAGCGCCTGGAGCTGT
 GTGCTGTCCACGCCCTCAACAACGTTCTGCAGCAGCAGCTCTTTAGCCAGGAGGCTGCCGATGAGATCTG
 CAAGAGGTTGGCCCGACTCCCGGCTGAACCCTCATCGAGCCTCCTGGCACC GGCAACTATGATGTC
 AATGTGATCATGGCCGCTCTGCAGGGGCTGGCCCTGGCCGCGTGTGGTGGACAGGAGGAGGCCCTGT
 CCCAGCTGGCCCTGCCAGGACTGGGGCTGATCCTGAACCTGCCCTCGCCGTCGCTGGGGCTGCT
 GTCAGTCCGCTGCGCCGCGGCACTGGGTGGCCCTGCGCCAGGTGGACGGTGTCTACTACAACCTGGAC
 TCCAAGCTGCGGGCGCCGAGGCCCTGGGGATGAGGACGGAGTCAGGGCCTTCTGGCGCTGCGCTGG
 CCCAGGGCCTGTGCGAGGTGCTGCTGGTGTAGTACCAGGAGGTGGAGGAGAAGGGCAGCTGGCTGCGGAC
 AGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG232034 representing NM_001270686
 Red=Cloning site Green=Tags(s)

MSQAPGAQPSPTVYHERQRLELCAVHALNNVLQQQLFSQEADEICKRLAPDSRLNPHRSLLGTGNYDV
 NVIMAALQGLGLAAVWDRRRPLSQLALPQVLGLILNLPSPVSLGLLSLPLRRRHVVALRQVDGVYYNLD
 SKLRAPEALGDEEDGVRAFLAAALAQGLCEVLLVVTKEVEEKGSWLRD

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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_001270686.2](#)

RefSeq Size: 860 bp

RefSeq ORF: 567 bp

Locus ID: 126119

UniProt ID: [Q8TAC2](#)

Cytogenetics: 19q13.33

Protein Families: Druggable Genome

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]