

## NSMCE2-non-SMC element 2, MMS21 homolog (*S. cerevisiae*) Gene

Reference: PTXBC032797

|                |                                                                                                                                                                                                                                                                |                     |                |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                                                                                                                                                            | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                                                                                                                                                           | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | C8orf36; MMS21; ZMIZ7; E3 SUMO-protein ligase NSE2; MMS21 homolog; hMMS21; methyl methanesulfonate sensitivity gene 21; non-SMC element 2 homolog; non-SMC element 2, MMS21 homolog; non-structural maintenance of chromosomes element 2 homolog; zinc finger, |                     |                |

**For research use only.**

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|-------------------------|---------------------------------------------------------------------------------------------------|
| <b>GENE DESCRIPTION</b> | non-SMC element 2, MMS21 homolog ( <i>S. cerevisiae</i> )                                         |
| <b>GENE ID</b>          | 286053                                                                                            |
| <b>ORIGIN SPECIES</b>   | Human                                                                                             |
| <b>ACCESSIONS</b>       | BC032797                                                                                          |
| <b>VECTOR</b>           | pDONR223                                                                                          |
| <b>NCBI SYMBOL</b>      | NSMCE2                                                                                            |
| <b>LENGTH</b>           | ProteoGenix bp                                                                                    |
| <b>SEQUENCE PRIMERS</b> | Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT<br>Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG |

### ORF (Only for reference, product provided without STOP codon )

atgccaggacgttccagttcaaatcagggttcaactggtttcatctcttcagtggtgtgagtgctctctctctcttgaataactccaagcgtgtatcaactctggtatggacacagcttctagtggtgcttggatcttggaaagtcagactgaagtgagtagtgaatatagtagtgacaagg  
caatggttgaattgtctacattggatcggaactaaacattatgtaaggctgttcaatctacaataaatcatgtgaagaagaacgtccagaaaaataccagatttaaaattattgtagagaagaattttggctttacagagcaagaattctgtagcagactttcaataatgaaaaattgt  
acagtttaacaacagctgaagaactaaagaagcaatgtggtctcaagctgacagagaagctgacggaacagaaggagtgatgaagatataatttgacccaaagtcagaccaacttcacctgccccattacaaggagggaatgaagaagccagtgaataaagtggtgccc  
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gtag