

Product datasheet for **MG203584**

Nabl (NM_028757) Mouse Tagged ORF Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Nabl (NM_028757) Mouse Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Nabl |
| Synonyms: | 1200007O21Rik; A630080F05Rik; BB140644; D830029A09Rik; Lnebl |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >MG203584 representing NM_028757 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATCCCCAGTGCGCCGCTGCGAAAAGTGGTGTATCCACAGAGAAAGTCAACTGTCTAGATAAGT
ATTGGCATAAAGGATGTTTCCACTGCGAGGTCTGCAAGATGGCTCTCAACATGAACAACACAAAGGCTA
TGAAAAGAAGCCCTATTGCAATGCACACTACCCAAAGCAGTCCTTACCACAGTGGCGGATACACCTGAA
AACCTTCGCCTGAAGCAGCAAAGTGAAGTGCAGAGCCAGGTCAAGTACAAAAGAGATTTTGAAGAAAGCA
AAGGCAGGGGCTTCAGCATTGTACAGATACTCCTGAGCTGCAGAGGCTGAAGAGGACCCAGGAGCAGAT
CAGTAATGTCAAATACCATGAAGATTTTGAGAAGACAAAGGGAAGAGGCTTCACTCCCGTTGTGGATGAT
CCTGTGACTGAGAGGGTGAAGAGACCCAGGTTGTGAGCGATGCTGCCTATAAAGGGGTCCAGCCAC
ATGTTGTGGAGATGGATAGAAGACCTGGGATCATTGTTGCACCTGTCTTCTGGAGCTTACCAGCAGAG
CCATTCCTCAAGGCTATGGGTACATGCATCAGACCAGCGTGTCTCCATGAGGTCAATGCAGCCTCCAGCA
CATCTAAGGACCTACCGGCCATGTACGATTATAGCGCCAGGATGAAGATGAGGTCTCCTTCCGAGATG
GTGACTACATTGTCAACGTGCAGCCATTGATGATGGCTGGATGTATGCCACCGTGCAGAGAACCCGGAG
AACGGGCATGCTCCAGCAAATTACATTGAGTTTGTGAAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203584 representing NM_028757
Red=Cloning site Green=Tags(s)

MNPQCARGCKVVYPTEKVNCLDKYW HKGCFHCEVCKMALNMN NYKGYEKKPYCNAHYPKQSFTTVADTPE
 NLR LKQQSELQSQVKYKRD FEESKGRGFSIVTDPELQRLKRTQEQISNVKYHEDFEKTKGRGFTPVVDD
 PVTERVRKSTQVVSDAA YKGVQPHVEMDRRPGIIVAPVLP GAYQQSHSQGYGYMHQTSVSSMRSMQPPA
 HLRTYRAMYDYS AQDEDEV SFRDGYIVNVQPIDDGW MYGTVQRTGRTGMLPANYIEFVN

TRTRPLE - GFP Tag - V

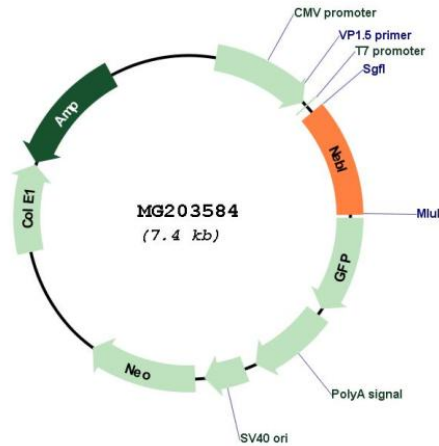
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_028757

ORF Size: 810 bp

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|-------------------------------|---|
| 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: | <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: | NM_028757.1 , NP_083033.1 |
| RefSeq Size: | 2981 bp |
| RefSeq ORF: | 813 bp |
| Locus ID: | 74103 |
| UniProt ID: | Q9DC07 |
| Cytogenetics: | 2 A3 |
| Gene Summary: | Binds to actin and plays an important role in the assembly of the Z-disk. Isoform 2 might play a role in the assembly of focal adhesion (By similarity).[UniProtKB/Swiss-Prot Function] |