

Product datasheet for **RG240102**

NEDD4 (NM_001284340) Human Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | NEDD4 (NM_001284340) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | NEDD4 |
| Synonyms: | NEDD4-1; RPF1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG240102 representing NM_001284340. Blue=ORF Red=Cloning site Green=Tag(s) |

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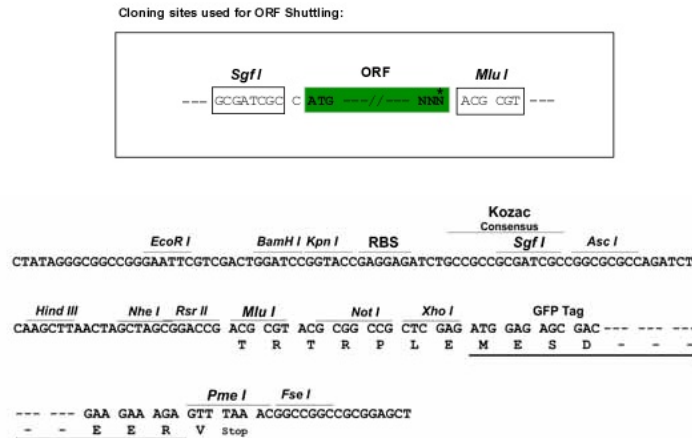
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC

Protein Sequence: >Peptide sequence encoded by RG240102
 Blue=ORF Red=Cloning site Green=Tag(s)

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Restriction Sites: SgfI-MluI

Cloning Scheme:

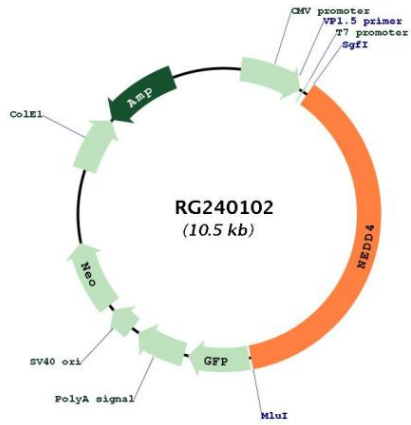


ACCN: NM_001284340

ORF Size: 3906 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). |
| RefSeq: | NM_001284340.1 , NP_001271269.1 |
| RefSeq Size: | 7189 bp |
| RefSeq ORF: | 3909 bp |
| Locus ID: | 4734 |
| UniProt ID: | P46934 |
| Cytogenetics: | 15q21.3 |
| Protein Families: | Druggable Genome |
| Protein Pathways: | Endocytosis, Ubiquitin mediated proteolysis |
| MW: | 147.6 kDa |
| Gene Summary: | This gene is the founding member of the NEDD4 family of HECT ubiquitin ligases that function in the ubiquitin proteasome system of protein degradation. The encoded protein contains an N-terminal calcium and phospholipid binding C2 domain followed by multiple tryptophan-rich WW domains and, a C-terminal HECT ubiquitin ligase catalytic domain. It plays critical role in the regulation of a number of membrane receptors, endocytic machinery components and the tumor suppressor PTEN. [provided by RefSeq, Jul 2016] |

Product images:



Circular map for RG240102