

Product datasheet for **RG236184**

NCE2 (UBE2F) (NM_001278306) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: NCE2 (UBE2F) (NM_001278306) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: NCE2
Synonyms: NCE2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236184 representing NM_001278306.
Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGTGTGGGCGCCGGGCCCGCCTCGCCTGTCTCGGGGAGCCAGAGGTTGCAGAACTGAAGCTAAT
TTACCTTGTACATGTAAGTGCAATTTCTGATCCAAACAAGTTCATTGTTTTAGCTAACAGTAACC
CCAGATGAGGGTTACTACCAGGGTGAAAATTTCAAGTTGAACTGAAGTTCCCGATGCGTACAACATG
GTGCTCCCAAAGTGAAATGCCTGACCAAGATCTGGCACCCCAACATCACAGAGACAGGGGAAATATGT
CTGAGTTTATTGAGAGAACATTCATTGATGGCACTGGCTGGGCTCCACAAGAACATTAAGGATGTC
GTTTGGGATTAAGTCTTTGTTTACTGATCTTTTGAATTTTATGATCCACTGAATATTGAAGCTGCA
GAACATCATTTGCGGGACAAGGAGGACTCCCGAATAAAGTGGATGACTACATCAAACGTTATGCCAGA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG236184
Blue=ORF Red=Cloning site Green=Tag(s)

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MVLGAGPASPVSGSPEVAELEANLPCTCKVHFPDPNKLHCFQLVTPDEGYQGGKQFETEVPDAYNM
VPPKVKCLTKIWHPNITETGEICLSLLREHSIDGTGWAPRTRTKDQVWGLNSLFDLLNFDDPLNIEAA
EHHLRDKEDFRNKVDDYIKRYAR
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
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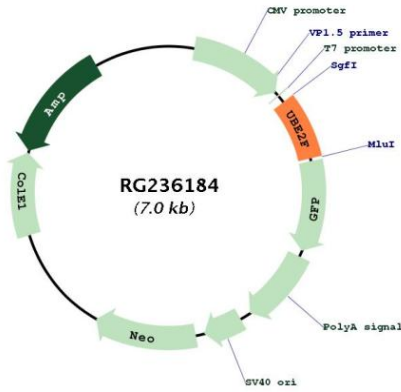
Restriction Sites: Sgfl-MluI



Gene Summary:

Accepts the ubiquitin-like protein NEDD8 from the UBA3-NAE1 E1 complex and catalyzes its covalent attachment to other proteins. The specific interaction with the E3 ubiquitin ligase RBX2, but not RBX1, suggests that the RBX2-UBE2F complex neddylates specific target proteins, such as CUL5.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG236184