

Product datasheet for **MG201429**

Ube2g1 (BC096474) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ube2g1 (BC096474) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Ube2g1
Synonyms: 2700059C12Rik; AI256795; AU014992; AW552068; D130023C12Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201429 representing BC096474
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACGGAGCTGCAGTCGGCGTCTACTGCGAAGACAGCTGCCAGAACTCAACAAAAATCCAGTGGAAAG
 GCTTTTCAGCAGGTTTAAATAGACGACAATGATCTCTATCGTTGGGAAGTCCTTATTATTGGTCCTCCAGA
 TACTTTTATGAAGGTGGTGTTTTTAAGGCTCATCTACTTTCCAAAAGATTATCCCTCCGGCTCCT
 AAAATGAAATTCATTACAGAGATTTGGCACCAAATGTTGATAAAAAATGGTGATGTTGCATTTCTATTC
 TTCATGAGCCTGGGGAGGATAAATATGGTTATGAGAAGCCAGAGGAACGCTGGTTACCTATCCATACTGT
 GGAAACCATCATGATTAGTGTCATTTCTATGCTGGCAGATCCTAATGGAGACTCACCTGCAATGTAGAT
 GCTGCGAAAGAATGGAGGGAAGACAGAAACGGAGAATTTAAAAGGAAAAGTTGCCCGCTGTGTAAGAAAAA
 GCCAAGAAACTGCTTTTGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201429 representing BC096474
 Red=Cloning site Green=Tags(s)

MTELSALLRRQLAELNKNPVEGFSAGLIDDNDLYRWEVLIIGPPDTLYEGGVFKAHLTFPKDYPLRPP
 KMKFITEIWHPNVDKNGDVCISILHEPGEDKYGYEKPEERWLPPIHTVETIMISVISMLADPNGDSPANVD
 AAKEWREDRNGEFKRKVARCVRKSQETAFE

TRTRPLE - GFP Tag - V

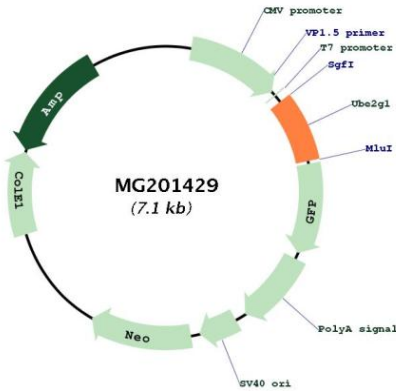
Restriction Sites: Sgfl-MluI



Gene Summary:

Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-48', as well as 'Lys-63'-linked polyubiquitination. May be involved in degradation of muscle-specific proteins. Mediates polyubiquitination of CYP3A4. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG201429