LRRK2

Expressed:
GFP-LRRK2 D2017A

Plasmid:
pCMV5D GFP LRRK2 D2017A

Parent Plasmid:
pCMV5D GFP

DU Number:
DU48063

Genbank:
NM_198578.3

Species:
Human

Synonyms:
AURA17, **DARDARIN**, **PARK8**, **RIPK7**, **ROCO2**

Sequence of Insert:
GGATCCATGGCTAGTGGCAGCTGTCAGGGGTGCGAAGAGGACGAGGAAACTCTGAAGAAGTTG
ATAGTCAGGCTGAACAATGTCCAGGAAGGAAAACAGATAGAAACGCTGGTCCAAATCCTGGAG
GATCTGCTGGTGTTCACGTACTCCGAGCACGCCTCCAAGTTATTTCAAGGCAAAAATATCCATGT
GCCTCTGTTGATCGTCTTGGACTCCTATATGAGAGTCGCGAGTGTGCAGCAGGTGGGTTGGTCA
CTTCTGTGCAAATTAATAGAAGTCTGTCCAGGTACAATGCAAAGCTTAATGGGACCCCAGGATG
TTGGAAATGATTGGGAAGTCCTTGGTGTTCACCAATTGATTCTTAAAATGCTAACAGTTCATAAT
GCCAGTGTAAACTTGTCAGTGATTGGACTGAAGACCTTAGATCTCCTCCTAACTTCAGGTAAAAT
CACCTTGCTGATATTGGATGAAGAAAGTGATATTTTCATGTTAATTTTTGATGCCATGCACTCATT
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CCCATTGTGAGAACTCTGAAATTATCATCCGACTATATGAAATGCCTTATTTTCCAATGGGATTTT
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Amino Acid Sequence:

MHVSKGEELFTGVVPILVELDGDVNGHKFSVSGEGEGDATYGKLTLKFIC
TTGKLPVPWPTLVTTLTYGVQCFSRYPDHMKQHDFFKSAMPEGYVQERTI
FFKDDGNYKTRAEVKFEGDTLVNRIELKGIDFKEDGNILGHKLEYNYNSH
NVYIMADKQKNGIKVNFKIRHNIEDGSVQLADHYQQNTPIGDGPVLLPDN
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LSALTNFKDEEEIVLHVLHCLHSLAIPCNNVEVLMSGNVRCYNIVVEAMK
AFPMSERIQEVSCCLLHRLTLGNFFNILVLNEVHEFVVKAVQQYPENAAL
QISALSCLALLTETIFLNQDLEEKNENQENDDEGEEDKLFWLEACYKALT

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WHRKNKHVQEAACWALNNLLMYQNSLHEKIGDEDGHFPAHREVMLSMLMH
SSSKEVFQASANALSTLLEQNVNFRKILLSKGIHLNVLELMQKHIHSPEV
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VDTALYIAKQNSPVVEVWDKKTEKLCGLIDCVHFLREVMVKENKESKHKM
SYSGRVKTLCLQKNTALWIGTGGGHILLLDLSTRRLIRVIYNFCNSVRVM
MTAQLGSLKNVMLVLGYNRKNTEGTQKQKEIQSCLTVWDINLPHEVQNLE
KHIEVRKELAEKMRRTSVE*

Antibiotic:
Amp

Comments:
D2017A. Also contains several silent nucleotide changes as compared to the reference sequence; C>A 4872 bp, A>G 4911 bp and T>C 6036 bp. All LRRK2 plasmids MUST be grown at 30°C or less to prevent recombination Contains SNP S1647T

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Price per aliquot:
£110.00

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