LRRK2

Expressed:
FLAG LRRK2 H970-end Y1699C G2019S

Plasmid:
pCMV5 FLag LRRK2 H970-end Y1699C G2019S

Parent Plasmid:
pCMV5 FLAG

DU Number:
DU26720

Species:
Human

Synonyms:

Sequence of Insert:
GGATCCCATTCAGACAGCATTTCTTCTCTGGCTTCTGAGAGAGAATATATTACATCACTAGACCT
TTCAGCAAATGAACTAAGAGATATTGATGCCCTAAGCCAGAAATGCTGTATAAGTGTTCATTTGG
AGCATCTTGAAAAGCTGGAGCTTCACCAGAATGCACTCACGAGCTTTCCACAACAGCTATGTGA
AACTCTGAAGAGTTTGACACATTTGGACTTGCACAGTAATAAATTTACATCATTTCCTTCTTATTT
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TACCTGAGAACCTCACTGATGTGGTAGAGAAACTGGAGCAGCTCATTTTAGAAGGAAATAAAAT
ATCAGGGATATGCTCCCCCTTGAGACTGAAGGAACTGAAGATTTTAAACCTTAGTAAGAACCAC
ATTTCATCCCTATCAGAGAACTTTCTTGAGGCTTGTCCTAAAGTGGAGAGTTTCAGTGCCAGAAT
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CATCTCTGGATGTCAGTTACAACTTGGAACTAAGATCCTTTCCCAATGAAATGGGGAAATTAAGC
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CAAATTCAACGGAAAGAAATGTAATGTGGGGAGGATGTGGCACAAAGATTTTCTCCTTTTCTAAT
GATTTCACCATTCAGAAACTCATTGAGACAAGAACAAGCCAACTGTTTTCTTATGCAGCTTTCAG
TGATTCCAACATCATAACAGTGGTGGTAGACACTGCTCTCTATATTGCTAAGCAAAATAGCCCTG
TTGTGGAAGTGTGGGATAAGAAAACTGAAAAACTCTGTGGACTAATAGACTGCGTGCACTTTTTA
AGGGAGGTAATGGTAAAAGAAAACAAGGAATCAAAACACAAAATGTCTTATTCTGGGAGAGTGA
AAACCCTCTGCCTTCAGAAGAACACTGCTCTTTGGATAGGAACTGGAGGAGGCCATATTTTACTC
CTGGATCTTTCAACTCGTCGACTTATACGTGTAATTTACAACTTTTGTAATTCGGTCAGAGTCATG
ATGACAGCACAGCTAGGAAGCCTTAAAAATGTCATGCTGGTATTGGGCTACAACCGGAAAAATA
CTGAAGGTACACAAAAGCAGAAAGAGATACAATCTTGCTTGACCGTTTGGGACATCAATCTTCC
ACATGAAGTGCAAAATTTAGAAAAACACATTGAAGTGAGAAAAGAATTAGCTGAAAAAATGAGA
CGAACATCTGTTGAGTAAGAGAGAAATAGGCGGCCGC

Amino Acid Sequence:

MDYKDDDDKGSHSDSISSLASEREYITSLDLSANELRDIDALSQKCCISVHLEHLEKLELHQNALTSFP
QQLCETLKSLTHLDLHSNKFTSFPSYLLKMSCIANLDVSRNDIGPSVVLDPTVKCPTLKQFNLSYNQL
SFVPENLTDVVEKLEQLILEGNKISGICSPLRLKELKILNLSKNHISSLSENFLEACPKVESFSARMNFL
AAMPFLPPSMTILKLSQNKFSCIPEAILNLPHLRSLDMSSNDIQYLPGPAHWKSLNLRELLFSHNQISIL
DLSEKAYLWSRVEKLHLSHNKLKEIPPEIGCLENLTSLDVSYNLELRSFPNEMGKLSKIWDLPLDELH
LNFDFKHIGCKAKDIIRFLQQRLKKAVPYNRMKLMIVGNTGSGKTTLLQQLMKTKKSDLGMQSATVGI

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**DVKDWPIQIRDKRKRDLVLNVWDFAGREEFYSTHPHFMTQRALYLAVYDLSKGQAEVDAMKPWLFN
IKARASSSPVILVGTHLDVSDEKQRKACMSKITKELLNKRGFPAIRDYHFVNATEESDALAKLRKTIINE
SLNFKIRDQLVVGQLIPDCYVELEKIILSERKNVPIEFPVIDRKRLLQLVRENQLQLDENELPHAVHFLN
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SQIAPDLILADLPRNIMLNNDELEFEQAPEFLLGDGSFGSVYRAAYEGEEVAVKIFNKHTSLRLLRQEL
VVLCHLHHPSLISLLAAGIRPRMLVMELASKGSLDRLLQQDKASLTRTLQHRIALHVADGLRYLHSAM
IIYRDLKPHNVLLFTLYPNAAIIAKIADYSIAQYCCRMGIKTSEGTPGFRAPEVARGNVIYNQQADVYSF
GLLLYDILTTGGRIVEGLKFPNEFDELEIQGKLPDPVKEYGCAPWPMVEKLIKQCLKENPQERPTSAQ
VFDILNSAELVCLTRRILLPKNVIVECMVATHHNSRNASIWLGCGHTDRGQLSFLDLNTEGYTSEEVA
DSRILCLALVHLPVEKESWIVSGTQSGTLLVINTEDGKKRHTLEKMTDSVTCLYCNSFSKQSKQKNFL
LVGTADGKLAIFEDKTVKLKGAAPLKILNIGNVSTPLMCLSESTNSTERNVMWGGCGTKIFSFSNDFTI
QKLIETRTSQLFSYAAFSDSNIITVVVDTALYIAKQNSPVVEVWDKKTEKLCGLIDCVHFLREVMVKEN
KESKHKMSYSGRVKTLCLQKNTALWIGTGGGHILLLDLSTRRLIRVIYNFCNSVRVMMTAQLGSLKNV
MLVLGYNRKNTEGTQKQKEIQSCLTVWDINLPHEVQNLEKHIEVRKELAEKMRRTSVE***

Antibiotic:
Amp

Comments:
All LRRK2 plasmids MUST be grown at 30C or less to prevent recombination 2 silent mutations G1624 K1637 Contains SNP S1647T

Price per aliquot:
£110.00

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