



LRRK2

Expressed:

FLAG LRRK2 L1326-end Y1699C D2017A

Plasmid:

pCMV5 FLAG LRRK2 L1326-end Y1699C D2017A

Parent Plasmid:

pCMV5 FLAG

DU Number:

DU26726

Species:

Human

Synonyms:

Sequence of Insert:

**GGATCCTTAAAAAAGGCTGTGCCTTATAACCGAATGAACTTATGATTGTGGGAAATACTGGGA
GTGGTAAAACACCTTATTGCAGCAATTAATGAAAACCAAGAAATCAGATCTTGGAATGCAAAG
TGCCACAGTTGGCATAGATGTGAAAGACTGGCCTATCCAATAAGAGACAAAAGAAAGAGAGA
TCTCGTCCTAAATGTGTGGGATTTTGCAGGTCGTGAGGAATTCTATAGTACTCATCCCCATTTTAT
GACGCAGCGAGCATTGTACCTTGCTGTCTATGACCTCAGCAAGGGACAGGCTGAAGTTGATGCC
ATGAAGCCTTGGCTCTTCAATATAAAGGCTCGCGCTTCTTCCCCTGTGATTCTCGTTGGCAC
ACATTTGGATGTTTCTGATGAGAAGCAACGCAAAGCCTGCATGAGTAAATCACCAAGGAATC
CTGAATAAGCGAGGGTTCCTGCCATACGAGATTACCACTTTGTGAATGCCACCGAGGAATCTG
ATGCTTTGGCAAACCTTCGAAAACCATCATAAACGAGAGCCTTAATTTCAAGATCCGAGATCA
GCTTGTTGTTGGACAGCTGATTCCAGACTGCTATGTAGAACTTGAAAAATCATTTTATCGGAGC
GTAAAAATGTGCCAATTGAATTTCCCGTAATTGACCGGAAACGATTATTACAAGTAGTGAGAGAA
AATCAGCTGCAGTTAGATGAAAATGAGCTTCCTCACGCAGTTCACCTTCTAAATGAATCAGGAGT
CCTTCTTCATTTTCAAGACCCAGCACTGCAGTTAAGTGACTTGTACTTTGTGGAACCCAAGTGGC
TTTGTAAAATCATGGCACAGATTTTGACAGTGAAAGTGGAAGGTTGTCCAAAACACCCTAAGGG
AATTATTTTCGCGTAGAGATGTGGAAAAATTTCTTTCAAAGAAAAGGAAATTTCCAAAGAACTACA
TGACACAGTATTTAAGCTCCTAGAAAAATTCAGATTGCTTTGCCAATAGGAGAAGAATATTTG
CTGGTTCCAAGCAGTTTGTCTGACCACAGGCCTGTGATAGAGCTTCCCCATTGTGAGAAGTCTGA
AATTATCATCCGACTATATGAAATGCCTTGTTTTCCAATGGGATTTTGGTCAAGATTAATCAATCG
ATTACTTGAGATTTACCTTACATGCTTTACAGGGAGAGAACGAGCACTTCGCCCAAACAGAATGT
ATTGGCGACAAGGCATTTACTTAAATTGGTCTCCTGAAGCTTATTGTCTGGTAGGATCTGAAGTC
TTAGACAATCATCCAGAGAGTTTCTTAAAAATTACAGTTCCCTTCTTGAGAAAAGGCTGTATTCTT
TTGGGCCAAGTTGTGGACCACATTGATTCTCTCATGGAAGAATGGTTTCTGGGTTGCTGGAGAT
TGATATTTGTGGTGAAGGAGAACTCTGTTGAAGAAATGGGCATTATATAGTTTAAATGATGGTG
AAGAACATCAAAAAATCTTACTTGATGACTTGATGAAGAAAGCAGAGGAAGGAGATCTCTTAGT
AAATCCAGATCAACCAAGGCTCACCAATTCCAATATCTCAGATTGCCCTGACTTGATTTTGGCTG
ACCTGCCTAGAAATATTATGTTGAATAATGATGAGTTGGAATTTGAACAAGCTCCAGAGTTTCTC
CTAGGTGATGGCAGTTTTGGATCAGTTTACCGAGCAGCCTATGAAGGAGAAGAAGTGGCTGTGA**

AGATTTTAAATAAACATACATCACTCAGGCTGTTAAGACAAGAGCTTGTGGTGCTTTGCCACCTC
CACCACCCAGTTTGATATCTTTGCTGGCAGCTGGGATTCGTCCCCGGATGTTGGTGATGGAGTT
AGCCTCCAAGGGTTCCTTGATCGCCTGCTTCAGCAGGACAAAGCCAGCCTCACTAGAACCCTA
CAGCACAGGATTGCACTCCACGTAGCTGATGGTTTGAGATACCTCCACTCAGCCATGATTATATA
CCGAGACCTGAAACCCACAATGTGCTGCTTTTCACTGTATCCCAATGCTGCCATCATCGCAA
AGATTGCTGCCTACGGCATTGCTCAGTACTGCTGTAGAATGGGGATAAAAACATCAGAGGGCAC
ACCAGGGTTTCGTGCACCTGAAGTTGCCAGAGGAAATGTCATTTATAACCAACAGGCTGATGTTT
ATTCATTTGGTTTACTACTCTATGACATTTTGACAACCTGGAGGTAGAATAGTAGAGGGTTTGAAG
TTTCCAATGAGTTTGATGAATTAGAAATACAAGGAAAATTACCTGATCCAGTTAAAGAATATGG
TTGTGCCCATGGCCTATGGTTGAGAAATTAATTAACAGTGTGTTGAAAGAAAATCCTCAAGAAA
GGCCTACTTCTGCCAGGTCTTTGACATTTTGAATTCAGCTGAATTAGTCTGTCTGACGAGACGC
ATTTTATTACCTAAAAACGTAATTGTTGAATGCATGGTTGCTACACATCACAACAGCAGGAATGC
AAGCATTGGCTGGGCTGTGGGCACACCGACAGAGGACAGCTCTCATTCTTGACTTAAATACT
GAAGGATACACTTCTGAGGAAGTTGCTGATAGTAGAATATTGTGCTTAGCCTTGGTGCATCTTCC
TGTTGAAAAGGAAAGCTGGATTGTGTCTGGGACACAGTCTGGTACTCTCCTGGTCATCAATACC
GAAGATGGGAAAAAGAGACATACCCTAGAAAAGATGACTGATTCTGTCACTTGTGTTGATTGCA
ATTCCTTTTCCAAGCAAAGCAAACAAAAAATTTTCTTTTGGTTGGAACCGCTGATGGCAAGTTA
GCAATTTTGAAGATAAGACTGTTAAGCTTAAAGGAGCTGCTCCTTTGAAGATACTAAATATAGG
AAATGTCAGTACTCCATTGATGTGTTTGAGTGAATCCACAAATTCAACGGAAAGAAATGTAATGT
GGGAGGATGTGGCACAAAGATTTTCTCCTTTTCTAATGATTTACCATTAGAAACTCATTGAG
ACAAGAACAAGCCAAGTGTCTTATGCAGCTTTCAGTGATTCCAACATCATAACAGTGGTGGT
AGACACTGCTCTATATTGCTAAGCAAATAGCCCTGTTGTGGAAGTGTGGGATAAGAAAAC
GAAAACTCTGTGGACTAATAGACTGCGTGCACTTTTTAAGGGAGGTAATGGTAAAAGAAAACA
AGGAATCAAACACAAAATGTCTTATTCTGGGAGAGTAAAACCTCTGCCTTCAGAAGAACAC
TGCTCTTTGGATAGGAACTGGAGGAGGCCATATTTTACTCCTGGATCTTCAACTCGTCTGACTTA
TACGTGAATTTACAACCTTTGTAATTCGGTCAGAGTCATGATGACAGCACAGCTAGGAAGCCTT
AAAAATGTCATGCTGGTATTGGGCTACAACCGGAAAAAATACTGAAGGTACACAAAAGCAGAAAG
AGATACAATCTTGCTTGACCGTTTGGGACATCAATCTTCCACATGAAGTGCAAATTTAGAAAA
CACATTGAAGTGAGAAAAGAATTAGCTGAAAAAATGAGACGAACATCTGTTGAGTAAGAGAGAA
ATAGGCGGCCCG

Amino Acid Sequence:

MDYKDDDDKGSLLKAVPYNRMKLMIVGNTGSGKTTLLQQLMKTKKSDLGMQSATVGDVVDWPIQI
RDKRKRDLVLNVWDFAGREEFYSTHHPFMTQRALYLAVYDLSKGQAEVDAMKPWLFNIKARASSP
VILVGTHLDVSDEKQRKACMSKITKELLNKRGFPAIRDYHFVNATEESDALAKLRKTIINESLNFKIRDQ
LVVGQLIPDCYVELEKIILSERKNVPIEFPVIDRKRLQLVRENQLQDENELPHAVHFLNESGVLLHFQ
DPALQLSDLYFVEPKWLCKIMAQILTVKVEGCPKHPKGIISRRDVEKFLSKKRKFPKNYMTQYFKLE
KFQIALPIGEEYLLVPSSLSDRPVIELPHCENSEIIIRLYEMPCFPMGFWSRLINRLLLEISPYMLSGRER
ALRPNRMWYWRQGIYLNWSPEAYCLVGSEVLNHPESFLKITVPSRKGILLGQVVDHIDSLMEEWF
PGLLEIDICGEGETLLKKWALYSFNDGEEHQKILLDDLMKKAEEGDLLVNPDPQRLTIPISQIAPDLILA
DLPRNIMLNDELEFEQAPEFLLGDGSFVSRYAAYEGEEVAVKIFNKHTSLRLLRQELVVLCHLHP
SLISLLAAGIRPRMLVMELASKGSLDRLLQQDKASLRTLQHRIALHVADGLRYLHSAMIIYRDLKPHN
VLLFTLYPNAIIAKIAAYGIAQYCCRMGIKTSEGTPGFRAPEVARGNVIYNQQADVVSFGLLLYDILT
GGRIVEGLKFPNEFDELEIQGKLPDPVKEYGCAPWPMVEKLIKQCLKENPQERPTSAQVFDILNSAEL
VCLTRRILLPKNVIVECMVATHHNSRNASIWLGCGHTDRGQLSFLDLNTEGYTSEEVADSRILCLALV
HLPVEKESWIVSGTQSGTLLVINTEDGKKRHTLEKMTDSVTCLYCNFSFSKQSKQKNFLLVGTADGKL
AIFEDKTVKLGAAPLKILNIGNVSTPLMCLSESTNSTERNVMWGGCGTKIFSFSNDFTIQKLIETRSTQ
LFSYAAFSDSNIIIVVDTALYIAKQNSPVVEVWDDKTEKLCGLIDCVHFLREVMVKENKESKHKMSY
SGRVKTLCLQKNTALWIGTGGGHILLDLSTRRLIRVIYNFCNSVRVMMTAQLGSLKNVMLVLGYNRK
NTEGTQKQKEIQSCLTVWDINLPHEVQNLEKHIEVRKELAEKMRRTSVE*

Antibiotic:
Amp

Comments:

**All LRRK2 plasmids MUST be grown at 30C or less to prevent recombination 3 Silent mutations
G1624 K1637 I2012 Contains SNP S1647T**

Price per aliquot:

£110.00

