



LRRK2

Expressed:

FLAG LRRK2 L1326-end R1441G D2017A

Plasmid:

pCMV5 FLAG LRRK2 L1326-end R1441G D2017A

Parent Plasmid:

pCMV5 FLAG

DU Number:

DU26707

Species:

Human

Synonyms:

Sequence of Insert:

**GGATCCTTAAAAAAGGCTGTGCCTTATAACCGAATGAACTTATGATTGTGGGAAATACTGGGA
GTGGTAAAACCACCTTATTGCAGCAATTAATGAAAACCAAGAAATCAGATCTTGGAATGCAAAG
TGCCACAGTTGGCATAGATGTGAAAGACTGGCCTATCCAATAAGAGACAAAAGAAAGAGAGA
TCTCGTCCTAAATGTGTGGGATTTTGCAGGTCGTGAGGAATTCTATAGTACTCATCCCCATTTTAT
GACGCAGCGAGCATTGTACCTTGCTGTCTATGACCTCAGCAAGGGACAGGCTGAAGTTGATGCC
ATGAAGCCTTGGCTCTTCAATATAAAGGCTGGCGCTTCTTCTCCCTGTGATTCTCGTTGGCAC
ACATTTGGATGTTTCTGATGAGAAGCAACGCAAAGCCTGCATGAGTAAATCACCAAGGAATC
CTGAATAAGCGAGGGTTCCCTGCCATACGAGATTACCACTTTGTGAATGCCACCGAGGAATCTG
ATGCTTTGGCAAACCTTCGAAAACCATCATAAACGAGAGCCTTAATTTCAAGATCCGAGATCA
GCTTGTTGTTGGACAGCTGATTCCAGACTGCTATGTAGAACTTGAAAAATCATTTTATCGGAGC
GTAAAAATGTGCCAATTGAATTTCCCGTAATTGACCGGAAACGATTATTACAAGTAGTGAGAGAA
AATCAGCTGCAGTTAGATGAAAATGAGCTTCCTCACGCAGTTCACCTTCTAAATGAATCAGGAGT
CCTTCTTCATTTTCAAGACCCAGCACTGCAGTTAAGTGACTTGTACTTTGTGGAACCCAAGTGGC
TTTGTAATAATCATGGCACAGATTTTGACAGTGAAAGTGGAAGGTTGTCCAAAACACCCTAAGGG
AATTATTTTCGCGTAGAGATGTGGAAAAATTTCTTTCAAAGAAAAGGAAATTTCCAAAGAACTACA
TGACACAGTATTTAAGCTCCTAGAAAAATTCAGATTGCTTTGCCAATAGGAGAAGAATATTTG
CTGGTTCCAAGCAGTTTGTCTGACCACAGGCCTGTGATAGAGCTTCCCCATTGTGAGAAGTCTGA
AATTATCATCCGACTATATGAAATGCCTTATTTTCCAATGGGATTTTGGTCAAGATTAATCAATCG
ATTACTTGAGATTTACCTTACATGCTTTACAGGGAGAGAACGAGCACTTCGCCCAAACAGAATGT
ATTGGCGACAAGGCATTTACTTAAATTGGTCTCCTGAAGCTTATTGTCTGGTAGGATCTGAAGTC
TTAGACAATCATCCAGAGAGTTTCTTAAAAATTACAGTTCCCTTCTTGAGAAAAGGCTGTATTCTT
TTGGGCCAAGTTGTGGACCACATTGATTCTCTCATGGAAGAATGGTTTCTGGGTTGCTGGAGAT
TGATATTTGTGGTGAAGGAGAACTCTGTTGAAGAAATGGGCATTATATAGTTTAAATGATGGTG
AAGAACATCAAAAAATCTTACTTGATGACTTGATGAAGAAAGCAGAGGAAGGAGATCTCTTAGT
AAATCCAGATCAACCAAGGCTCACCAATTCCAATATCTCAGATTGCCCTGACTTGATTTTGGCTG
ACCTGCCTAGAAATATTATGTTGAATAATGATGAGTTGGAATTTGAACAAGCTCCAGAGTTTCTC
CTAGGTGATGGCAGTTTGGATCAGTTTACCGAGCAGCCTATGAAGGAGAAGAAGTGGCTGTGA**

AGATTTTAAATAAACATACATCACTCAGGCTGTTAAGACAAGAGCTTGTGGTGCTTTGCCACCTC
CACCACCCAGTTTGATATCTTTGCTGGCAGCTGGGATTCGTCCCCGGATGTTGGTGATGGAGTT
AGCCTCCAAGGGTTCCTTGATCGCCTGCTTCAGCAGGACAAAGCCAGCCTCACTAGAACCCTA
CAGCACAGGATTGCACTCCACGTAGCTGATGGTTTGAGATACCTCCACTCAGCCATGATTATATA
CCGAGACCTGAAACCCACAATGTGCTGCTTTTACACTGTATCCCAATGCTGCCATCATCGCAA
AGATTGCTGCCTACGGCATTGCTCAGTACTGCTGTAGAATGGGGATAAAAACATCAGAGGGCAC
ACCAGGGTTTCGTGCACCTGAAGTTGCCAGAGGAAATGTCATTTATAACCAACAGGCTGATGTTT
ATTCATTTGGTTTACTACTCTATGACATTTTGACAACCTGGAGGTAGAATAGTAGAGGGTTTGAAG
TTTCCAATGAGTTTGATGAATTAGAAATACAAGGAAAATTACCTGATCCAGTTAAAGAATATGG
TTGTGCCCATGGCCTATGGTTGAGAAATTAATTAACAGTGTGTTGAAAGAAAATCCTCAAGAAA
GGCCTACTTCTGCCAGGTCTTTGACATTTTGAATTCAGCTGAATTAGTCTGTCTGACGAGACGC
ATTTTATTACCTAAAAACGTAATTGTTGAATGCATGGTTGCTACACATCACAACAGCAGGAATGC
AAGCATTGGCTGGGCTGTGGGCACACCGACAGAGGACAGCTCTCATTCTTGACTTAAATACT
GAAGGATACACTTCTGAGGAAGTTGCTGATAGTAGAATATTGTGCTTAGCCTTGGTGCATCTTCC
TGTTGAAAAGGAAAGCTGGATTGTGTCTGGGACACAGTCTGGTACTCTCCTGGTCATCAATACC
GAAGATGGGAAAAAGAGACATACCCTAGAAAAGATGACTGATTCTGTCACTTGTGTTGATTGCA
ATTCCTTTTCCAAGCAAAGCAAACAAAAAATTTTCTTTTGGTTGGAACCGCTGATGGCAAGTTA
GCAATTTTGAAGATAAGACTGTTAAGCTTAAAGGAGCTGCTCCTTTGAAGATACTAAATATAGG
AAATGTCAGTACTCCATTGATGTGTTTGAAGTGAATCCACAAATTCAACGGAAAGAAATGTAATGT
GGGAGGATGTGGCACAAAGATTTTCTCCTTTTCTAATGATTTACCATTAGAAACTCATTGAG
ACAAGAACAAGCCAAGTGTCTTATGCAGCTTTCAGTGATTCCAACATCATAACAGTGGTGGT
AGACACTGCTCTATATTGCTAAGCAAATAGCCCTGTTGTGGAAGTGTGGGATAAGAAAAC
GAAAACTCTGTGGACTAATAGACTGCGTGCACTTTTTAAGGGAGGTAATGGTAAAAGAAAACA
AGGAATCAAACACAAAATGTCTTATTCTGGGAGAGTGAAAACCTCTGCCTTCAGAAGAACAC
TGCTCTTTGGATAGGAACTGGAGGAGGCCATATTTTACTCCTGGATCTTCAACTCGTGCAGTTA
TACGTGAATTTACAACCTTTGTAATTCGGTCAGAGTCATGATGACAGCACAGCTAGGAAGCCTT
AAAAATGTCATGCTGGTATTGGGCTACAACCGGAAAAAATACTGAAGGTACACAAAAGCAGAAAG
AGATACAATCTTGCTTGACCGTTTGGGACATCAATCTTCCACATGAAGTGCAAATTTAGAAAA
CACATTGAAGTGAGAAAAGAATTAGCTGAAAAAATGAGACGAACATCTGTTGAGTAAGAGAGAA
ATAGGCGGCCCG

Amino Acid Sequence:

MDYKDDDDKGSLLKAVPYNRMKLMIVGNTGSGKTTLLQQLMKTKKSDLGMQSATVGDVVDWPIQI
RDKRKRDLVLNVWDFAGREEFYSTHHPFMTQRALYLAVYDLSKGQAEVDAMKPWLFNIKAGASSP
VILVGTHLDVSDEKQRKACMSKITKELLNKRGFPAIRDYHFVNATEESDALAKLRKTIINESLNFKIRDQ
LVVGQLIPDCYVELEKIILSERKNVPIEFPVIDRKLLQLVRENQLQDENELPHAVHFLNESGVLLHFQ
DPALQLSDLYFVEPKWLCKIMAQILTVKVEGCPKHPKGIISRRDVEKFLSKKRKFPKNYMTQYFKLLE
KFQIALPIGEEYLLVPSSLSDRPVIELPHCENSEIIIRLYEMPYFPMGFWSRLINRLLLEISPYMLSGRER
ALRPNRMWYWRQGIYLNWSPEAYCLVGSEVLDNHPESFLKITVPSRKGILLGQVVDHIDSLMEEWF
PGLLEIDICGEGETLLKKWALYSFNDGEEHQKILLDDLMKKAEEGDLLVNPDPQRLTIPISQIAPDLILA
DLPRNIMLNDELEFEQAPEFLLGDGSFVSRYRAAYEGEEVAVKIFNKHTSLRLLRQELVVLCHLHHP
SLISLLAAGIRPRMLVMELASKGSLDRLLQQDKASLTRLQHRIALHVADGLRYLHSAMIIYRDLKPHN
VLLFTLYPNAIIAKIAAYGIAQYCCRMGIKTSEGTPGFRAPEVARGNVIYNQQADVVSFGLLLYDILT
GGRIVEGLKFPNEFDELEIQGKLPDPVKEYGCAPWPMVEKLIKQCLKENPQERPTSAQVFDILNSAEL
VCLTRRILLPKNVIVECMVATHHNSRNASIWLGCGHTDRGQLSFLDLNTEGYTSEEVADSRILCLALV
HLPVEKESWIVSGTQSGTLLVINTEDGKKRHTLEKMTDSVTCLYCNFSFSKQSKQKNFLLVGTADGKL
AIFEDKTVKLGAAPLKILNIGNVSTPLMCLSESTNSTERNVMWGGCGTKIFSFSNDFTIQKLIETRSTQ
LFSYAAFSDSNIIIVVDTALYIAKQNSPVVEVWDDKTEKLCGLIDCVHFLREVMVKENKESKHKMSY
SGRVKTLCLQKNTALWIGTGGGHILLDLSTRRLIRVIYNFCNSVRVMMTAQLGSLKNVMLVLGYNRK
NTEGTQKQKEIQSCLTVWDINLPHEVQNLEKHIEVRKELAEKMRRTSVE*

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

