



LRRK2

Expressed:

FLAG LRRK2 L1326-end Y1699C

Plasmid:

pCMV5 Flag LRRK2 L1326-end Y1699C

Parent Plasmid:

pCMV5 FLAG

DU Number:

DU26691

Species:

Human

Synonyms:

Sequence of Insert:

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

AGATTTTAAATAAACATACATCACTCAGGCTGTTAAGACAAGAGCTTGTGGTGCTTTGCCACCTC
CACCACCCAGTTTGATATCTTTGCTGGCAGCTGGGATTCGTCCCCGGATGTTGGTGATGGAGTT
AGCCTCCAAGGGTTCCTTGATCGCCTGCTTCAGCAGGACAAAGCCAGCCTCACTAGAACCCTA
CAGCACAGGATTGCACTCCACGTAGCTGATGGTTTGAGATACCTCCACTCAGCCATGATTATATA
CCGAGACCTGAAACCCCAATGTGCTGCTTTTACACTGTATCCAATGCTGCCATCATTGCAA
AGATTGCTGACTACGGCATTGCTCAGTACTGCTGTAGAATGGGGATAAAAACATCAGAGGGCAC
ACCAGGGTTTCGTGCACCTGAAGTTGCCAGAGGAAATGTCATTTATAACCAACAGGCTGATGTTT
ATTCATTTGGTTTACTACTCTATGACATTTTGACAACCTGGAGGTAGAATAGTAGAGGGTTTGAAG
TTTCCAATGAGTTTGATGAATTAGAAATACAAGGAAAATTACCTGATCCAGTTAAAGAATATGG
TTGTGCCCATGGCCTATGGTTGAGAAATTAATTAACAGTGTTTGAAAGAAAATCCTCAAGAAA
GGCCTACTTCTGCCAGGTCTTTGACATTTTGAATTCAGCTGAATTAGTCTGTCTGACGAGACGC
ATTTTATTACCTAAAAACGTAATTGTTGAATGCATGGTTGCTACACATCACAACAGCAGGAATGC
AAGCATTGGCTGGGCTGTGGGCACACCGACAGAGGACAGCTCTCATTCTTGACTTAAATACT
GAAGGATACACTTCTGAGGAAGTTGCTGATAGTAGAATATTGTGCTTAGCCTTGGTGCATCTTCC
TGTTGAAAAGGAAAGCTGGATTGTGTCTGGGACACAGTCTGGTACTCTCCTGGTCATCAATACC
GAAGATGGGAAAAGAGACATACCCTAGAAAAGATGACTGATTCTGTCACTTGTGTTGATTGCA
ATTCCTTTTCCAAGCAAAGCAAACAAAAAATTTTCTTTTGGTTGGAACCGCTGATGGCAAGTTA
GCAATTTTGAAGATAAGACTGTTAAGCTTAAAGGAGCTGCTCCTTTGAAGATACTAAATATAGG
AAATGTCAGTACTCCATTGATGTGTTTGAGTGAATCCACAAATTCAACGGAAAGAAATGTAATGT
GGGAGGATGTGGCACAAAGATTTTCTCCTTTTCTAATGATTTACCATTAGAAACTCATTGAG
ACAAGAACAAGCCAAGTGTCTTATGCAGCTTTCAGTATTCCAACATCATAACAGTGGTGGT
AGACACTGCTCTATATTGCTAAGCAAATAGCCCTGTTGTGGAAGTGTGGGATAAGAAAAC
GAAAACCTCTGTGGACTAATAGACTGCGTGCACTTTTTAAGGGAGGTAATGGTAAAAGAAAACA
AGGAATCAAACACAAAATGTCTTATTCTGGGAGAGTAAAACCTCTGCCTTCAGAAGAACAC
TGCTCTTTGGATAGGAACTGGAGGAGGCCATATTTTACTCCTGGATCTTCAACTCGTGCAGTTA
TACGTGAATTTACAACCTTTGTAATTCGGTCAGAGTCATGATGACAGCACAGCTAGGAAGCCTT
AAAAATGTCATGCTGGTATTGGGCTACAACCGGAAAAATACTGAAGGTACACAAAAGCAGAAAG
AGATACAATCTTGCTTGACCGTTTGGGACATCAATCTTCCACATGAAGTGCAAATTTAGAAAA
CACATTGAAGTGAGAAAAGAATTAGCTGAAAAAATGAGACGAACATCTGTTGAGTAAGAGAGAA
ATAGGCGGCCCG

Amino Acid Sequence:

MDYKDDDDKGSLLKAVPYNRMKLMIVGNTGSGKTTLLQQLMKTKKSDLGMQSATVGDVVDWPIQI
RDKRKRDLVLNVWDFAGREEFYSTHPHFMTRALYLAVYDLSKGQAEVDAMKPWLFNIKARASSP
VILVGTHLDVSDEKQRKACMSKITKELLNKRGFPAIRDYHFVNATEESDALAKLRKTIINESLNFKIRDQ
LVVGQLIPDCYVELEKIILSERKNVPIEFPVIDRKRLQLVRENQLQDENELPHAVHFLNESGVLLHFQ
DPALQLSDLYFVEPKWLCKIMAQILTVKVEGCPKHPKGIISRRDVEKFLSKKRKFPKNYMTQYFKLE
KFQIALPIGEEYLLVPSSLSDRPVIELPHCENSEIIIRLYEMPCFPMGFWSRLINRLLLEISPYMLSGRER
ALRPNRMWYRQGIYLNWSPEAYCLVGSEVLNHPESFLKITVPSRKGILLGQVVDHIDSLMEEWF
PGLLEIDICGEGETLLKKWALYSFNDGEEHQKILLDDLMKKAEEGDLLVNPDPQRLTIPISQIAPDLILA
DLPRNIMLNDELEFEQAPEFLLGDGSFVSRYAAYEGEEVAVKIFNKHTSLRLLRQELVVLCHLHP
SLISLLAAGIRPRMLVMELASKGSLDRLLQQDKASLRTLQHRIALHVADGLRYLHSAMIIYRDLKPHN
VLLFTLYPNAIIAKIADYQIAQYCCRMGIKTSEGTPGFRAPEVARGNVIYNQADVYSFGLLLYDILT
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

