



LRRK2

Expressed:

FLAG LRRK2 H970-end

Plasmid:

pCMV5 FLag LRRK2 H970-end

Parent Plasmid:

pCMV5 FLAG

DU Number:

DU26764

Species:

Human

Synonyms:

Sequence of Insert:

**GGATCCCATTTCAGACAGCATTCTTCTCTGGCTTCTGAGAGAGAATATATTACATCACTAGACCT
TTCAGCAAATGAACTAAGAGATATTGATGCCCTAAGCCAGAAATGCTGTATAAGTGTTTCATTTGG
AGCATCTTGAAAAGCTGGAGCTTCACCAGAATGCACTCACGAGCTTCCACAACAGCTATGTGA
AACTCTGAAGAGTTTGACACATTTGGACTTGCACAGTAATAAATTTACATCATTTCCTTCTTATTT
GTTGAAAATGAGTTGTATTGCTAATCTTGATGTCTCTCGAAATGACATTGGACCCTCAGTGGTTTT
AGATCCTACAGTGAAATGTCCAACCTCTGAAACAGTTTAACTGTTCATATAACCAGCTGTCTTTTG
TACCTGAGAACCTCACTGATGTGGTAGAGAACTGGAGCAGCTCATTTTAGAAGGAAATAAAAT
ATCAGGGATATGCTCCCCCTTGAGACTGAAGGAACTGAAGATTTTAACTTAGTAAGAACCAC
ATTCATCCCTATCAGAGAATTTCTTGAGGCTTGTCTAAAGTGGAGAGTTTCAGTGCCAGAAT
GAATTTTCTTGCTGCTATGCCTTTCTTGCTCCTTCTATGACAATCCTAAAATTATCTCAGAACAA
ATTTTCTGTATTCCAGAAGCAATTTTAAATCTTCCACACTTGCAGTCTTTAGATATGAGCAGCAA
TGATATTCAGTACCTACCAGGTCCCGCACACTGGAAATCTTTGAACTTAAGGGAATCTTATTTA
GCCATAATCAGATCAGCATCTTGGACTTGAGTGAAAAGCATATTTATGGTCTAGAGTAGAGAA
ACTGCATCTTTCTCACAATAAACTGAAAGAGATTCTCCTGAGATTGGCTGTCTTGAAAATCTGA
CATCTCTGGATGTCAGTTACAACCTTGGAACTAAGATCCTTTCCCAATGAAATGGGGAAATTAAGC
AAAATATGGGATCTTCTTTGGATGAACTGCATCTTAACTTTGATTTTAAACATATAGGATGTAAA
GCCAAAGACATCATAAGGTTTCTTCAACAGCGATTAAAAAAGGCTGTGCCTTATAACCGAATGA
AACTTATGATTGTGGGAAATACTGGGAGTGGTAAACCACCTTATTGCAGCAATTAATGAAAACC
AAGAAATCAGATCTTGAATGCAAAGTGCCACAGTTGGCATAGATGTGAAAGACTGGCCTATCC
AAATAAGAGACAAAAGAAAGAGAGATCTCGTCCTAAATGTGTGGGATTTTGCAGGTCGTGAGGA
ATTCTATAGTACTCATCCCATTTTATGACGCAGCGAGCATTGTACCTTGCTGTCTATGACCTCAG
CAAGGGACAGGCTGAAGTTGATGCCATGAAGCCTTGGCTCTTCAATATAAAGGCTCGCGCTTCT
TCTTCCCCTGTGATTCTCGTTGGCACACATTTGGATGTTTCTGATGAGAAGCAACGCAAAGCCTG
CATGAGTAAAATCACCAGGAACTCCTGAATAAGCGAGGGTTCCCTGCCATACGAGATTACCAC
TTTGTGAATGCCACCGAGGAATCTGATGCTTTGGCAAACCTTCGGAAAACCATCATAACGAGA
GCCTTAATTTCAAGATCCGAGATCAGCTTGTTGTTGGACAGCTGATTCCAGACTGCTATGTAGAA
CTTGAAAAAATCATTATCGGAGCGTAAAAATGTGCCAATTGAATTTCCCGTAATTGACCGGAA**

ACGATTATTACAACACTAGTGAGAGAAAATCAGCTGCAGTTAGATGAAAATGAGCTTCCTCACGCA
GTTCACTTTCTAAATGAATCAGGAGTCTTCTTCATTTTCAAGACCCAGCACTGCAGTTAAGTGA
CTTGTACTTTGTGGAACCCAAGTGGCTTTGTAATAATCATGGCACAGATTTTGACAGTGAAAGTGG
AAGTTGTCCAAAACACCCTAAGGGAATTATTCGCGTAGAGATGTGGAAAAATTTCTTTCAAAG
AAAAGGAAATTTCCAAAGAACTACATGACACAGTATTTTAAGCTCCTAGAAAAATTCAGATTGC
TTTGCCAATAGGAGAAGAATATTTGCTGGTTCCAAGCAGTTTGTCTGACCACAGGCCTGTGATAG
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GATTTTGGTCAAGATTAATCAATCGATTACTTGAGATTTACCTTACATGCTTTCAGGGAGAGAA
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CTTCTGTAGAAAAGGCTGTATTCTTTTGGGCCAAGTTGTGGACCACATTGATTCTCTCATGGAA
GAATGGTTTCTGGGTTGCTGGAGATTGATATTTGTGGTGAAGGAGAACTCTGTTGAAGAAATG
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GATTGCCCTGACTTGATTTTGGCTGACCTGCCTAGAAATATTATGTTGAATAATGATGAGTTGG
AATTTGAACAAGCTCCAGAGTTTCTCCTAGGTGATGGCAGTTTTGGATCAGTTTACCGAGCAGCC
TATGAAGGAGAAGAAGTGGCTGTGAAGATTTTAAATAAACATACATCACTCAGGCTGTTAAGAC
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CGTCCCCGGATGTTGGTGTGAGTTAGCCTCCAAGGGTTCCTTGGATCGCCTGCTTCAGCAGG
ACAAAGCCAGCCTCACTAGAACCCTACAGCACAGGATTGCACTCCACGTAGCTGATGGTTTGAG
ATACCTCCACTCAGCCATGATTATATACCGAGACCTGAAACCCACAATGTGCTGCTTTTCACAC
TGTATCCAATGCTGCCATCATTGCAAAGATTGCTGACTACGGCATTGCTCAGTACTGCTGTAGA
ATGGGGATAAAAACATCAGAGGGCACACCAGGGTTTCGTGCACCTGAAGTTGCCAGAGGAAAT
GTCATTTATAACCAACAGGCTGATGTTTATTCATTTGGTTTACTACTCTATGACATTTTGACAAC
GGAGGTAGAATAGTAGAGGGTTTGAAGTTTCAAATGAGTTTGATGAATTAGAAATACAAGGAA
AATTACCTGATCCAGTTAAAGAATATGGTTGTGCCCATGGCCTATGGTTGAGAAATTAATTA
CAGTGTGTTGAAAGAAAATCCTCAAGAAAGGCCTACTTCTGCCAGGTCTTTGACATTTTGAATTC
AGCTGAATTAGTCTGTCTGACGAGACGCATTTTATTACCTAAAACGTAATTGTTGAATGCATGG
TTGCTACACATACAACAGCAGGAATGCAAGCATTGGCTGGGCTGTGGGCACACCGACAGAG
GACAGCTCTCATTTCTTGACTTAAATACTGAAGGATACACTTCTGAGGAAGTTGCTGATAGTAGA
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GTCTGGTACTCTCCTGGTCATCAATACCGAAGATGGGAAAAAGAGACATACCCTAGAAAAGATG
ACTGATTCTGTCACTTGTGTTGATTGCAATTCCTTTTCCAAGCAAAGCAAACAAAAAATTTTCTT
TTGGTTGGAACCGCTGATGGCAAGTTAGCAATTTTGAAGATAAGACTGTTAAGCTTAAAGGAGC
TGCTCCTTTGAAGATACTAAATATAGGAAATGTCAGTACTCCATTGATGTGTTTGAAGTGAATCCA
CAAATTCAACGGAAAGAAATGTAATGTGGGGAGGATGTGGCACAAAGATTTTCTCCTTTTCTAAT
GATTCACCATTAGAACTCATTGAGACAAGAACAAGCCAACCTGTTTTCTTATGCAGCTTTTCAG
TGATTCCAACATCATAACAGTGGTGGTAGACACTGCTCTCTATATTGCTAAGCAAATAGCCCTG
TTGTGGAAGTGTGGGATAAGAAAACACTGAAAACACTCTGTGGACTAATAGACTGCGTGCACCTTTTA
AGGGAGGTAATGGTAAAAGAAAACAAGGAATCAAAACACAAAATGTCTTATTCTGGGAGAGTGA
AAACCCTCTGCCTTCAGAAGAACACTGCTCTTTGGATAGGAACTGGAGGAGGCCATATTTTACTC
CTGGATCTTTCAACTCGTCGACTTATACGTGTAATTTACAACCTTTTGTAAATTCGGTCAGAGTCATG
ATGACAGCACAGCTAGGAAGCCTTAAAAATGTCATGCTGGTATTGGGCTACAACCGGAAAAATA
CTGAAGGTACACAAAAGCAGAAAGAGATACAATCTTGCTTGACCGTTTTGGGACATCAATCTTCC
ACATGAAGTGCAAATTTAGAAAAACACATTGAAGTGAGAAAAGAATTAGCTGAAAAAATGAGA
CGAACATCTGTTGAGTAAGAGAGAAATAGGCGGCCGC

Amino Acid Sequence:

MDYKDDDDKGSHTSDSISSLASEREYITSLDLSANELRDIDALSQKCCISVHLEHLEKLELHQNALTSFP
QQLCETLKLSTLHLDLHNSKFTSFPSYLLKMSCIANLDVSRNDIGPSVVDPTVKCPTLKQFNLSYNQL
SFVPENLTDVVEKLEQLILEGNKISGICSPRLKELKILNLSKNHISLSENFLEACPKNVESFSARMNFL
AAMPFLPPSMTILKLSQNKFSCIPAILNPLHLRSLDMSSNDIQYLPGPAHWKSLNLRLLFSHNQISIL
DLSEKAYLWSRVEKLHLHSHNKLKEIPPEIGLENLTLSDVSYNLELRSFPNEMGKLSKIWDLPLDELH
LNFDFKHIGCKAKDIIRFLQQRLKKAOPYNRMKLMIVGNTGSGKTTLLQQLMKTKKSDLGMQSATVGI

DVKDWPIQIRDKRKRDLVLNVWDFAGREEFYSTHPHMTQRALYLAVYDLSKGQAEVDAMKPWLFN
IKARASSSPVILVGTHLDVSDDEKQRKACMSKITKELLNKRGFPAIRDYHFVNATEESDALAKLRKTIINE
SLNFKIRDQLVVGQLIPDCYVELEKIILSERKNVPIEFPVIDRKRLQLVRENQLQLDENELPHAVHFLN
ESGVLHFDQDPALQLSDLYFVEPKWLCKIMAQILTVKVEGCPKHPKGIISRRDVEKFLSKKRKFPKNY
MTQYFKLLEKFQIALPIGEEYLLVPSSLSDHRPVIELPHCENSEIIIRLYEMPYFPMGFWSRLINRLEIS
PYMLSGRERALARPNRMYWRQGIYLNWSPEAYCLVGSEVLDNHPESFLKITVPSCRKGCILLGQVVDH
IDSLMEEWFPGLLEIDICGEGETLLKKWALYSFNDGEEHQKILLDDLMKKAEEGDLLVNPDPRLTIPI
SQIAPDLILADLPRNIMLNDELEFEQAPEFLLGDGSGFSVYRAAYEGEEVAVKIFNKHTSLRLLRQEL
VVLCHLHHPSLISLLAAGIRPRMLVMELASKGSLDRLLQQDKASLTRTLQHRIALHVADGLRYLHSAM
IYRDLKPHNVLLFTLYPNAIIAKIADYGIAQYCCRMGIKTSEGTPGFRAPEVARGNVIYNQQADVYSF
GLLLYDILTTGGRIVEGLKFPNEFDELEIQGKLPDPVKEYGCAPWPMVEKLIKQCLKENPQERPTSAQ
VFDILNSAELVCLTRRILLPKNVIVECMVATHHNSRNASIWLGCGHTDRGQLSFLDLNTEGYTSEEVA
DSRILCLALVHLPVEKESWIVSGTQSGTLLVINTEDGKKRHTLEKMTDSVTCLYCNFSKQSKQKNFL
LVGTADGKLAIFEDKTVKLGAAPLKILNIGNVSTPLMCLSESTNSTERNVMWGGCGTKIFSFSNDFTI
QKLIETRSTQLFSYAAFSDSNIITVVVDTALYIAKQNSPVVEVWDDKTEKLCGLIDCVHFLREVMVKEN
KESKHKMSYSGRVKTLCQLQKNTALWIGTGGGHILLDLSTRRLIRVIYNFCNSVRVMMTAQLGSLKNV
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