



LRRK2

Plasmid:

TOPO-LRRK2 ROC+COR+KIN 1326-2160

Parent Plasmid:

pCR2.1

DU Number:

DU6168

Genbank:

XM_058513, LRRK2 Sugan

Species:

Human

Synonyms:

Sequence of Insert:

**GAATTCGCCCTTGGATCCTTAAAAAAGGCTGTGCCTTATAACCGAATGAAACTTATGATTGTGGG
AAATACTGGGAGTGGTAAAACCACCTTATTGCAGCAATTAATGAAAACCAAGAAATCAGATCTT
GGAATGCAAAGTGCCACAGTTGGCATAGATGTGAAAGACTGGCCTATCCAAATAAGAGACAAA
AGAAAGAGAGATCTCGTCCTAAATGTGTGGGATTTTGCAGGTCGTGAGGAATTCTATAGTACTCA
TCCCCATTTTATGACGCAGCGAGCATTGTACCTTGCTGTCTATGACCTCAGCAAGGGACAGGCT
GAAGTTGATGCCATGAAGCCTTGGCTCTTCAATATAAAGGCTCGCGCTTCTTCTTCCCCTGTGAT
TCTCGTTGGCACACATTTGGATGTTTCTGATGAGAAGCAACGCAAAGCCTGCATGAGTAAATC
ACCAAGGAACTCCTGAATAAGCGAGGGTTCCCTGCCATACGAGATTACCACTTTGTGAATGCCA
CCGAGGAATCTGATGCTTTGGCAAACCTTCGGAACCATCATAAACGAGAGCCTTAATTTCAA
GATCCGAGATCAGCTTGTGTTGGACAGCTGATTCCAGACTGCTATGTAGAAGTTGAAAAAATCA
TTTTATCGGAGCGTAAAAATGTGCCAATTGAATTTCCCGTAATTGACCGGAAACGATTATTACAA
CTAGTGAGAGAAAATCAGCTGCAGTTAGATGAAAATGAGCTTCTCACGCAGTTCACCTTCTAAA
TGAATCAGGAGTCCTTCTTCATTTTCAAGACCCAGCACTGCAGTTAAGTGACTTGTACTTTGTGG
AACCAAGTGGCTTTGTAAAATCATGGCACAGATTTTGACAGTGAAAGTGGAAAGGTTGTCCAAA
ACACCCTAAGGGAATTATTTTCGCGTAGAGATGTGGAAAAATTTCTTTCAAAGAAAAGGAAATTT
CAAAGAACTACATGACACAGTATTTAAGCTCCTAGAAAAATTCAGATTGCTTTGCCAATAGGA
GAAGAATATTTGCTGGTTCCAAGCAGTTTGTCTGACCACAGGCCTGTGATAGAGCTTCCCCATTG
TGAGAAGTCTGAAATTATCATCCGACTATATGAAATGCCTTATTTTCCAATGGGATTTTGGTCAAG
ATTAATCAATCGATTACTTGAGATTTACCTTACATGCTTTCAGGGAGAGAACGAGCACTTCGCC
CAAACAGAATGTATTGGCGACAAGGCATTTACTTAAATTGGTCTCCTGAAGCTTATTGTCTGGTA
GGATCTGAAGTCTTAGACAATCATCCAGAGAGTTTCTTAAAAATTACAGTTCCTTCTTGATAGAAA
AGGCTGTATTCTTTTGGGCCAAGTTGTGGACCACATTGATTCTCTCATGGAAGAATGGTTTCTGT
GGTTGCTGGAGATTGATATTTGTGGTGAAGGAGAACTCTGTTGAAGAAATGGGCATTATATAGT
TTAATGATGGTGAAGAACATCAAAAAATCTTACTTGATGACTTGATGAAGAAAGCAGAGGAAG
GAGATCTCTTAGTAAATCCAGATCAACCAAGGCTCACCATTCCAATATCTCAGATTGCCCTGAC
TTGATTTTGGCTGACCTGCCTAGAAATATTATGTTGAATAATGATGAGTTGGAATTTGAACAAGCT
CCAGAGTTTCTCTAGGTGATGGCAGTTTGGATCAGTTTACCGAGCAGCCTATGAAGGAGAAG**

AAGTGGCTGTGAAGATTTTTAATAAACATACATCACTCAGGCTGTAAAGACAAGAGCTTGTGGTG
CTTTGCCACCTCCACCACCCAGTTTGATATCTTTGCTGGCAGCTGGGATTCGTCCCGGATGTT
GGTGATGGAGTTAGCCTCCAAGGGTTCCTTGGATCGCCTGCTTCAGCAGGACAAAGCCAGCCTC
ACTAGAACCCTACAGCACAGGATTGCACTCCACGTAGCTGATGGTTTGGAGATACCTCCACTCAG
CCATGATTATATACCGAGACCTGAAACCCACAATGTGCTGCTTTTACACTGTATCCCAATGCT
GCCATCATTGCAAAGATTGCTGACTACGGCATTGCTCAGTACTGCTGTAGAATGGGGATAAAAA
CATCAGAGGGCACACCAGGGTTTCGTGCACCTGAAGTTGCCAGAGGAAATGTCATTTATAACCA
ACAGGCTGATGTTTATTCATTTGGTTTACTACTCTATGACATTTTGACAACCTGGAGGTAGAATAGT
AGAGGGTTTGAAGTTTCCAAATGAGTTTGTGAATTAGAAATACAAGGAAAATTACCTGATCCAG
TTAAAGAATATGGTTGTGCCCATGGCCTATGGTTGAGAAATTAATTAACAGTGGTTTGAAGAA
AATCCTCAAGAAAGGCCTACTTCTGCCCAGGTCTTTGACATTTTGAATTCAGCTGAATTAGTCTG
TCTGACGAGACGCATTTTATTACCTAAAACTGAGCGGCCGCAAGGGCGAATTC

Amino Acid Sequence:

EFALGSLKKA VPYNRMKLMIVGNTGSGKTTLLQQLMKTKKSDLGMQSATVGIDVKDWPIQIRDKRKR
DLVLNVWDFAGREEFYSTHPHFMTRALYLAVYDLSKGQAEVDAMKPWLFNIKARASSSPVILVGTH
LDVSDEKQRKACMSKITKELLNKRGFPAIRDYHFVNATEESDALAKLRKTIINESLNFKIRDQLVVGQL
IPDCYVELEKIILSERKNVPIEFVIDRKRLQLVRENQLQDENELPHAVHFLNESGVLLHFQDPALQL
SDLYFVEPKWLCIKMAQILTVKVEGCPKHPKGIISRRDVEKFLSKRKFPPKNYMTQYFKLLEKFQIALP
IGEEYLLVPSSLSDRPVIELPHCENSEIIIRLYEMPYFPMGFWSRLINRLEISPYMLSGRERLRPNR
MYWRQGIYLNWSPEAYCLVGSEVLDNHPEFLKITVPSRKG CILLGQVVDHIDSLMEEWFPGLLEIDI
CGEGETLLKKWALYSFNDGEEHQKILLDDLMKKAEEGDLLVNPDPRLTIPISQIAPDLILADLPRNIM
LNDELEFEQAPEFLLGDGSFGSVYRAAYEGEEVAVKIFNKHTSLRLLRQELVVLCHLHHPSLISLLA
AGIRPRMLVMELASKGSLDRLLQQDKASLRTLQHRIALHVADGLRYLHSAMIIYRDLKPHNVLLFTL
YPNAAIIAKIADYGIAQYCCRMGIKTSEGTPGFRAPEVARGNVIYNQQADVYSFGLLLYDILTTGGRIVE
GLKFPNEFDELEIQGLPDPVKEYGCAPWPMVEKLIKQCLKENPQERPTSAQVFDILNSAELVCLTRR
ILLPKN*AAARAN

Antibiotic:

Amp

Comments:

**AMPLIFIED FROM EST INVITROGEN/GOEDERT DIFFERENCES: Missing AA1610-1621 insert
49aa AA1735-1736, missing AA 1897-1941 S1659 is T in this EST All LRRK2 plasmids MUST be
grown at 30 degrees C or less to prevent recombination. Contains SNP S1647T**

Price per aliquot:

£110.00