



LRRK2

Expressed:

GFP LRRK2 Q560-end

Plasmid:

pcDNA5D FRT/TO GFP LRRK2 Q560-end

Parent Plasmid:

pcDNA5D FRT/TO GFP

DU Number:

DU27038

Species:

Human

Synonyms:

Sequence of Insert:

**CAGAAATGTGGATTA AAAAGTAATTTCTTCTATTGTACATTTTCCTGATGCATTAGAGATGTTATCC
CTGGAAGGTGCTATGGATTCAGTGCTTCACACACTGCAGATGTATCCAGATGACCAAGAAATTC
AGTGTCTGGGTTTAAGTCTTATAGGATACTTGATTACAAAGAAGAATGTGTTTCATAGGAACTGGA
CATCTGCTGGCAAAAATTCTGGTTCCAGCTTATACCGATTTAAGGATGTTGCTGAAATACAGAC
TAAAGGATTTGAGACAATCTTAGCAATCCTCAAATTGTCAGCATCTTTTTCTAAGCTGCTGGTGCA
TCATTCATTTGACTTAGTAATATTCCATCAAATGTCTTCCAATATCATGGAACAAAAGGATCAACA
GTTTCTAAACCTCTGTTGCAAGTGTTTTGCAAAAGTAGCTATGGATGATTACTTAAAAAATGTGAT
GCTAGAGAGAGCGTGTGATCAGAATAACAGCATCATGGTTGAATGCTTGCTTCTATTGGGAGCA
GATGCCAATCAAGCAAAGGAGGGATCTTCTTTAATTTGTCAGGTATGTGAGAAAGAGAGCAGTC
CAAATTGGTGGAACTCTTACTGAATAGTGGATCTCGTGAACAAGATGTACGAAAAGCGTTGAC
GATAAGCATTGGGAAAGGTGACAGCCAGATCATCAGCTTGCTCTTAAGGAGGCTGGCCCTGGAT
GTGGCCAACAATAGCATTTCCTTGGAGGATTTTGTATAGGAAAAGTTGAACCTTCTTGGCTTGG
TCCTTTATTTCCAGATAAGACTTCTAATTTAAGGAAACAAACAAATATAGCATCTACACTAGCAA
GAATGGTGATCAGATATCAGATGAAAAGTGCTGTGGAAGAAGGAACAGCCTCAGGCAGCGATG
GAAATTTTTCTGAAGATGTGCTGTCTAAATTTGATGAATGGACCTTTATTCTGACTCTTCTATGG
ACAGTGTGTTTCTCAAAGTGATGACCTGGATAGTGAAGGAAGTGAAGGCTCATTCTTGTGAA
AAAGAAATCTAATTC AATTAGTGTAGGAGAATTTTACCGAGATGCCGTATTACAGCGTTGCTCAC
CAAATTTGCAAAGACATTCCAATTCCTTGGGGCCATTTTTGATCATGAAGATTTACTGAAGCGA
AAAAGAAAAATACTATCTTCAGATGATTCACTCAGGTCATCAAACTTCAATCCCATATGAGGCA
TTCAGACAGCATTCTTCTCTGGCTTCTGAGAGAGAATATATTACATCACTAGACCTTTCAGCAA
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CAGTGAAATGTCCA ACTCTGAAACAGTTTAACCTGTCATATAACCAGCTGTCTTTTGTACCTGAG
AACCTCACTGATGTGGTAGAGAACTGGAGCAGCTCATTTTAGAAGGAAATAAAATATCAGGGA
TATGCTCCCCCTTGAGACTGAAGGAACTGAAGATTTTAAACCTTAGTAAGAACCACATTTTCATCC**

CTATCAGAGAACTTTCTTGAGGCTTGTCTAAAGTGGAGAGTTTCAGTGCCAGAATGAATTTCT
TGCTGCTATGCCTTTCTTGCCCTCTTCTATGACAATCCTAAAATTATCTCAGAACAAATTTCTG
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AAAGAAATGTAATGTGGGGAGGATGTGGCACAAAGATTTTCTCCTTTTCTAATGATTTCCACCATT
CAGAACTCATTGAGACAAGAACAAGCCAAGCTGTTTTCTTATGCAGCTTTCAGTGATTCCAACAT
CATAACAGTGGTGGTAGACACTGCTCTCTATATTGCTAAGCAAATAGCCCTGTTGTGGAAGTGT
GGGATAAGAAAAGTGAAGAACTCTGTGGACTAATAGACTGCGTGCACCTTTTAAGGGAGGTAAT
GGTAAAAGAAAACAAGGAATCAAACACAAAATGTCTTATTCTGGGAGAGTGAAAACCCTCTGC
CTTCAGAAGAACACTGCTCTTTGGATAGGAAGTGGAGGAGGCCATATTTTACTCCTGGATCTTTC
AACTCGTCGACTTATACGTGTAATTTACAACCTTTTGTAAATTCGGTCAGAGTCATGATGACAGCAC
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Amino Acid Sequence:

MVSKGEELFTGVVPIVELDGDVNGHKFSVSGEGEDATYGKLTCLKFICTTGKLPVPWPTLVTTLYG
VQCFSTRYPDHMKQHDFFKSAMPEGYVQERTIFFKDDGNYKTRAEVKFEGLTLVNRIELKIDFKEDG
NILGHKLEYNYNSHNVYIMADKQKNGIKVNFKIRHNIEDGSVQLADHYQQNTPIGDGPVLLPDNHLYST
QSALSKDPNEKRDHMLLEFVTAAGITLGMDELYKSGLSQKCGLVKVISSIVHFPDALEMLSLEGAM
DSVLHTLQMPDDQEIQCLGLSLIGYLITKKNVFIGTGHLAKILVSSLYRFKDVAEIQTKGFQILAILK
LSASFSKLLVHHSFDLVIFHQSSNIMEQKQDQFLNLCKCFAMDDYLKNVMLERACDQNSIM
VECLLLLGDANQAKEGSSLICQVCEKESPKLVELLNLSGSREQDVRKALTISIGKGDSSQIISLLRR
LALDVANNSICLGGFCIGKVEPSWLGPLFPDKTSNLRKQTNIASTLARMVIRYQMKSAVEEGTASGD
GNFSEDVLSKFDEWTFIPDSSMDSVFAQSDDLSEGSSEGSFLVKKKSNSISVGEFYRDAVLQRCPN
LQRHSNSLGPFDHEDLLKRKRKILSSDLSRSSLQSHMRHSDSISSLASEREYITSLDLSANELRDI
DALSQKCCISVHLEHLEKLELHQNALTSFPQQLCETLKSLLHDLHNSKFTSFPYLLKMSCIANLDV
SRNDIGPSVVDPTVKCPTLKQFNLSYNQLSFVPENLTDVVEKLEQLILEGNKISGICSPRLKELKILN
LSKNHISLSENFLEACPVESFSARMNFLAAMPFLPPSMTILKLSQNKFCIPEAILNPLHRLSDMS
SNDIQYLPGAHWKSLNRELLFSHNQISILDSEKAYLWSRVEKLHLSHNKLKEIPPEIGCLENLTS
DVSYNLELRSFPNEMGKLSKIWDPLDELHLNDFDKHIGCKAKDIIRFLQQRLKAVPYNRMKLMIVG
NTGSGKTTLLQQLMKTCKSDLGMQSATVGDVVDWPIQIRDKRDLVLNVWDFAGREEFYSTPHF
MTQRALYLAVYDLSKQAEVDAMKPWLFNIKARASSPVILVGTDLVSDKQRKACMSKITKELN
KRGFPAIRDYHFVNATEESDALAKLRKTIINESLNFKIRDQLVVGQLIPDCYVELEKIILSERKNVPIEFP
VIDRKRLLQLVRENQLQDENELPHAVHFLNESGVLLHFQDPALQLSDLYFVEPKWLCKIMAQILTVK
VEGCPKHPKGIISRRDVEKFLSKKRKFPKNYMTQYFKLLEKFQIALPIGEEYLLVPSSLSDRPVIELP
HCENSEIIRLYEMPYFPMGFWSRLINRLEISPYMLSGRERALRPNRMYWRQGIYLNWSPEAYCLVG
SEVLNHPESFLKITVPSRKGCCILLGQVVDHIDSLMEEWFPGLLEIDICGEGETLLKKWALYSFNDGE
EHQKILLDDLMKKAEEGDLLVNPDPRLTIPISQIAPDLILADLPRNIMLNDELEFEQAPEFLLDGGSF
GSVYRAAYEGEEVAVKIFNKHTSLRLLRQELVVLCHLHHPSLISLLAAGIRPRMLVMELASKGSLDRL
LQQDKASLTRLQHRIALHVADGLRYLHSAMIIYRDLKPHNVLLFTLYPNAIIAKIADYGIAQYCCRM
GIKTSEGTGPFRAPEVARGNVIYNQQADVYSFGLLLYDILTGGRIVEGLKFPNEFDELEIQGKLPDPV
KEYGCAPWPMVEKLIKQCLKENPQERPTSAQVFDILNSAELVCLTRRILLPKNVIVECMVATHHNSRN
ASIWLGCGHTDRGQLSFLDLNTEGYTSEEVADSRILCLALVHLPVEKESWIVSGTQSGTLLVINTEDG
KKRHTLEKMTDSVTCLYCNSFSKQSKQKNFLLVGTADGKLAIFEDKTVKLKGAAPLKILNIGNVSTPL
MCLSESTNSTERNVMWGGCGTKIFSFSNDFTIQKLIETRTSQLFSYAAFSDSNIITVVVDTALYIAKQNS
PVVEVWDKKTEKLCGLIDCVHFLREVMVKENKESKHKMSYSGRVKTLCLQKNTALWIGTGGGHILL
DLSTRRLIRVIYNFCNSVRVMMTAQLGSLKNVMLVLGYNRKNTEGTQKQKEIQSCLTVWDINLPHEVQ
NLEKHIEVRKELAEKMRRTSVE*

Antibiotic:

Amp

Comments:

2 Silent mutations G1624 K1637 Grow at or below 30°C Contains SNP S1647T

Price per aliquot:
£110.00

