



LRRK2

Expressed:

GFP LRRK2 R1441G

Plasmid:

pcDNA5D FRT/TO GFP LRRK2 R1441G

Parent Plasmid:

pcDNA5D FRT/TO GFP

DU Number:

DU27037

Species:

Human

Synonyms:

Sequence of Insert:

**ATGGCTAGTGGCAGCTGTCAGGGGTGCGAAGAGGACGAGGAAACTCTGAAGAAGTTGATAGTC
AGGCTGAACAATGTCCAGGAAGGAAAACAGATAGAAACGCTGGTCCAAATCCTGGAGGATCTG
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GCAAATTAATAGAAGTCTGTCCAGGTACAATGCAAAGCTTAATGGGACCCAGGATGTTGGAAA
TGATTGGGAAGTCCTTGGTGTTCACCAATTGATTCTTAAAATGCTAACAGTTCATAATGCCAGTG
TAACTTGT CAGTGATTGGACTGAAGACCTTAGATCTCCTCCTAACTTCAGGTA AAAATCACCTTG
CTGATATTGGATGAAGAAAGTGATATTTTCATGTTAATTTTTGATGCCATGCACTCATTCCAGCC
AATGATGAAGTCCAGAACTTGGATGCAAAGCTTTACATGTGCTGTTTGAGAGAGTCTCAGAGG
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CAGAAGAATCCAGGGAGGATACAGAATTTTCATCATAAGCTAAATATGGTTAAAAAACAGTGTTT
CAAGAATGATATTCACAAACTGGTCCTAGCAGCTTTGAACAGGTTTATTGGAAATCCTGGGATTC
AGAAATGTGGATTA AAAAGTAATTTCTTCTATTGTACATTTTCTGATGCATTAGAGATGTTATCCC**

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Amino Acid Sequence:

MVSKGEELFTGVVPIVVELDGDVNGHKFSVSGEGEGDATYGKLT LKFICTTGKLPVPWPTLVTTLTYG
VQCFSRYPDHMKQHDFFKSAMPEGYVQERTIFFKDDGNYKTRAEVKFEGLTLVNRIELKIDFKEDG
NILGHKLEYNYNVSHNYIMADKQKNGIKVNFKIRHNIEDGSVQLADHYQQNTPIGDGPVLLPDNHYLST
QSALSKDPNEKRDHMLLEFVTAAGITLGMDELYKSGLGSMASGSCQGCEEDEETLKKLIVRLNNVQ
EGKQIETLVQILEDLLVFYSEHASKLFQGKNIHVPLLVLD SYMRVASVQQVGSLLCKLIEVCPGTM
QSLMGPQDVGNDWEVLGVHQLILKMLTVHNASVNL SVIGLKTLDLLTSGKITLLILDEESDIFMLIFDA
MHSFPANDEVQKLGCKALHVL FERVSEEQLTEFVENKDYMILLSALTNFKDEEEIVLHVHLHCLHSLAIP
CNNVEVLMMSGNVRVRCYNIVVEAMKAFFMSERIQEVSCLLHRLTLGNFFNILVLNEVHEFVVKAVQQYP
ENAALQISALSCLALLTETIFLNQDLEEKNNENQENDDEGEEDKLFWLEACYKALTWHRKNKHVQEAA
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SKGIHLNVLELMQKHIHSPEVAESGCKMLNHLFEGSNTSLDIMA AVVPKILTVMKRHETSLPVQLEAL
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ALEMLSLEGAMDSVLHTLQMPDDQEIQCLGLSLIGYLITKKNVFIGTGHL LAKILVSSLYRFKDVAEIQ
TKGFQILAILKLSASFSKLLVHHSFDLVIFHQMSSNIMEQKQDQFLNLCKCFAKVAMDDYLKNVML
ERACDQNSIMVECLLLL GADANQAKEGSSLICQVCEKESPPLVELLLNSGSREQDVRKALTISIGK

GDSQIISLLLRRRLALDVANNSICLGGFCIGKVEPSWLGPLFPDKTSNLRKQTNIAS TLARMVIRYQMKSAVEEGTASGSDGNFSEDLVLSKFDEWTFIPDSSMDSVFAQSDDL DSEGSEGSFLVKKKSNSISVGEFY RDAVLQRCSPNLQRHSNSLGPFDHEDLLKRKRKILSSDDSLRSSKLQSHMRHSDSISLASEREYITSLDLSANELRDIDALSQKCCISVHLEHLEKLELHQNALTSFPQQLCETLKSLTHLDLHSNKFTSFPSYLLKMSCIANLDVSRNDIGPSVVLDP TVKCPTLKQFNLSYNQLSFVPENLTDVVEKLEQLILEGNKISGICSLRLKELKILNLSKNHISLSENFLEACP KVESFSARMNFLAAMPFLPPSMTILKLSQNKFSCIPAILNLPHLRSLDMSSNDIQYLPGPAHWKSLNLRRELLFSHNQISILDSEKAYLWSRVEKLHLSHNKLKEIPP EIGCLENLTSLDVSYNLELRSFPNEMGKLSKIWDLPLDELHLNFD FKHIGCKAKDIIRFLQQRLKKAVPYNRMKLMIVGNTGSGKTTLLQQLMKTKKSDLGMQSATV GIDVKDWPIQIRDKRKRDLVLNVWDFAG REEFYSTHPHFMTRALYLAVYDLSKGQAEVDAMKPWLFNIKAGASSPVLVGT HLDVSDEKQRKACMSKITKELLNKRGFPAIRDYHFVNATEESDALAKLRKTIINESLNFKIRDQLVVGQLIPDCYVELEKIILSERKNVPIEFPVIDRKRLQLVRENQLQLDENELPHAVHFLNESGVLLHFQDPALQLSDLYFVEPKWLCKIMAQILTVKVEGCPKHPKGIISRRDVEKFLSKKRKFPKNYMTQYFKLLEKFQIALPIGEEYLLVPSSLSDHRPVIELPHCENSEIIIRLYEMPYFPMGFWSRLINRLL EISPYMLSGRERALRPNRMYWRQGIYLNW SPEAYCLVGSEVLDNHPESFLKITVPSCRKGCILLGQVVDHIDSLMEEWFPGLLEIDICGEGETLLKKWALYSFNDGEEHQILLDDLMKKAEEGDLLVNPDPQRLTIPISQIAPDLILADLPRNIMLNDELEFEQAP EFLLDGDSFGSVYRAAYEGEEVAVKIFNKHTSLRLLRQELVVLCHLHHP SLISLLAAGIRPRMLVMELASKGSLDRLLQQDKASLRTLQHRIALHVADGLRYLHSAMIIYRDLKPHNVLLFTLYPNAIIAKIADY GIAQYCCRMGIKTSEGTPGFRAPEVARGNVIYNQQADVVSFGLLLYDILT TGGRIVEGLKFPNEFDELEIQGKLPDPVKEYGCAPWPMVEKLIKQCLKENPQERPTSAQVFDILNSAELVCLTRRILLPKNVIVECMVATHHNSRNASIWLGC GHTDRGQLSFLDLNTEGYTSEEVADSRILCLALVHLPVEKESWIVSGTQSGTLLVINTEDGKKRHTLEKMTDSVTCLYCNSFSKQSKQKNFLLVGTADGKLAIFEDKTVKLKGAAPLKI LNIGNVSTPLMCLSESTN STERNVMWGGCGTKIFSFSNDFTIQKLIETR TSQLFSYAAFSDSNIITVVVD TALYIAKQNSPVVEVWDKKTEKLCGLIDCVHFLREVMVKENKESKHKMSYSGRVKTLCLQKNTALWIGTGGGHILLDLSTRRLIRVIYNFCNSVRVMMTAQLGSLKNVMLVLGYNRKNTEGTQKQKEIQSCLTVWDINLPHEVQNLEKHIEVRKELAEKMRRTSVE*

Antibiotic:

Amp

Comments:

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

Price per aliquot:

£110.00