



LRRK2

Expressed:

GFP LRRK2 L728I

Plasmid:

pcDNA5 FRT/TO GFP LRRK2 L728I

Parent Plasmid:

pcDNA5 FRT/TO GFP

DU Number:

DU62025

Species:

Human

Synonyms:

Sequence of Insert:

**GGATCCATGGCTAGTGGCAGCTGTCAGGGGTGCGAAGAGGACGAGGAACTCTGAAGAAGTTG
ATAGTCAGGCTGAACAATGTCCAGGAAGGAAAACAGATAGAAACGCTGGTCCAAATCCTGGAG
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GCCTCTGTTGATCGTCTTGGACTCCTATATGAGAGTCGCGAGTGTGCAGCAGGTGGGTTGGTCA
CTTCTGTGCAAATTAATAGAAGTCTGTCCAGGTACAATGCAAAGCTTAATGGGACCCCAGGATG
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GCCAGTGTA AACTTGT CAGTGATTGGACTGAAGACCTTAGATCTCCTCCTAACTTCAGGTA AAT
CACCTTGCTGATATTGGATGAAGAAAGTGATATTTTCATGTTAATTTTTGATGCCATGCACTCATT
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TGTTTCAAGAATGATATTCACAAACTGGTCCTAGCAGCTTTGAACAGGTTTCATTGGAAATCCTGG
GATTCAGAAATGTGGATTA AAGTAATTTCTTCTATTGTACATTTTCTGATGCATTAGAGATGTT**

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ATTCAGTGTCTGGGTTAAGTCTTATAGGATACTTGATTACAAAGAAGAATGTGTTTCATAGGAAC
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Amino Acid Sequence:

MVSKGEELFTGVVPIVELDGDVNGHKFSVSGEGEGDATYGKLT LKFICTTGKLPVPWPTLVTTLTYG
VQCFSRYPDHMKQHDFFKSAMPEGYVQERTIFFKDDGNYKTRAEVKFEGDTLVNRIELKIDFKEDG
NILGHKLEYNYNVYIMADKQKNGIKVNFKIRHNIEDGSVQLADHYQQNTPIGDGPVLLPDNHYLST
QSALSKDPNEKRDHMLLEFVTAAGITLGMDELYKSGLGSMASGSCQGCEEDEETLKKLIVRLNNVQ
EGKQIETLVQILEDLLVFTYSEHASKLFQGKNIHVPLLVLD SYMRVASVQQVGSLLCKLIEVCPGTM
QSLMGPQDVGNDWEVLGVHQLILKMLTVHNASVNL SVIGLKTLDLLTSGKITLLILDEESDIFMLIFDA
MHSFPANDEVQKLGCKALHVL FERVSEEQLTEFVENKDYMILLSALTNFKDEEEIVLHVLHCLHSLAIP
CNNVEVLMMSGNVRCYNIVVEAMKAFPMSERIQEVSCLLHRLTLGNFFNILVLNEVHEFVVKAVQQYP
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SKGIHLNVLELMQKHIHSPEVAESGCKMLNHLFEGSNTSLDIMA AVVPKILTVMKRHETSLPVQLEAL
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ALEMLSLEGAMDSVLHTLQMPDDQEIQCLGLSLIGYLITKKNVFIGTGHL LAKILVSSLYRFKDVAEIQ
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ERACDQNSIMVECILLGADANQAKEGSSLICQVCEKESSPKLVELLNLSGSREQDVRKALTISIGK

GDSQIISLLLRRRLALDVANNSICLGGFCIGKVEPSWLGPLFPDKTSNLRKQTNIAS TLARMVIRYQMKSAVEEGTASGSDGNFSEDLVLSKFDEWTFIPDSSMDSVFAQSDDL DSEGSEGSFLVKKKSNSISVGEFY RDAVLQRCSPNLQRHSNSLGPFDHEDLLKRKRKILSSDDSLRSSKLQSHMRHSDSISLASEREYITSLDLSANELRDIDALSQKCCISVHLEHLEKLELHQNALTSFPQQLCETLKSLTHLDLHSNKFTSFPSYLLKMSCIANLDVSRNDIGPSVVLDP TVKCPTLKQFNLSYNQLSFVPENLTDVVEKLEQLILEGNKISGICSLRLKELKILNLSKNHISLSENFLEACP KVESFSARMNFLAAMPFLPPSMTILKLSQNKFSCIPAILNLPHLRSLDMSSNDIQYLPGPAHWKSLNLRRELLFSHNQISILDSEKAYLWSRVEKLHLSHNKLKEIPP EIGCLENLTSLDVSYNLELRSFPNEMGKLSKIWDLPLDELHLNFD FKHIGCKAKDIIRFLQQRLKKAVPYNRMKLMIVGNTGSGKTTLLQQLMKTKKSDLGMQSATV GIDVKDWPIQIRDKRKRDLVLNVWDFAG REEFYSTHPHFMTRALYLAVYDLSKGQAEVDAMKPWLFNIKARASSSPVILVGTHLDVSDEKQRKACMSKITKELLNKRGFPAIRDYHFVNATEESDALAKLRKTIINESLNFKIRDQLVVGQLIPDCYVELEKIILSERKNVPIEFPVIDRKRLQLVRENQLQLDENELPHAVHFLNESGVLLHFQDPALQLSDLYFVEPKWLCKIMAQILTVKVEGCPKHPKGIISRRDVEKFLSKKRKFPKNYMTQYFKLLEKFQIALPIGEEYLLVPSSLSDHRPVIELPHCENSEIIIRLYEMPYFPMGFWSRLINRLL EISPYMLSGRERALRPNRMYWRQGIYLNW SPEAYCLVGSEVLDNHPESFLKITVPS CRKGCILLGQVVDHIDSLMEEWFPGLLEIDICGEGETLLKKWALYSFNDGEEHQKILLDDL MKAEEGDLLVNPDPQRLTIPISQIAPDLILADLPRNIMLNDELEFEQAP EFLLDGDSFGSVYRAAYEGEEVAVKIFNKHTSLRLLRQELVVLCHLHHP SLISLLAAGIRPRMLVMELASKGSLDRLLQQDKASLRTLQHRIALHVADGLRYLHSAMIIYRDLKPHNVLLFTLYPNAIIAKIADY GIAQYCCRMGIKTSEGTPGFRAPEVARGNVIYNQQADVVSFGLLLYDILTTGGRIVEGLKFPNEFDELEIQGKLPDPVKEYGCAPWPMVEKLIKQCLKENPQERPTSAQVFDILNSAELVCLTRRILLPKNVIVECMVATHHNSRNASIWLGC GHTDRGQLSFLDLNTEGYTSEEVADSRILCLALVHLPVEKESWIVSGTQSGTLLVINTEDGKKRHTLEKMTDSVTCLYCNSFSKQSKQKNFLLVGTADGKLAIFEDKTVKLKGAAPLKI LNIGNVSTPLMCLSESTN STERNVMWGGCGTKIFSFSNDFTIQKLIETR TSQLFSYAAFSDSNIITVVVD TALYIAKQNSPVVEVWDKKTEKLCGLIDCVHFLREVMVKENKESKHKMSYSGRVKTLCLQKNTALWIGTGGGHILLDLSTRRLIRVIYNFCNSVRVMMTAQLGSLKNVMLVLGYNRKNTEGTQKQKEIQSCLTVWDINLPHEVQNLEKHIEVRKELAEKMRRTSVE*

Antibiotic:

Amp

Comments:

2 silent mutations G1624 K1637 Contains SNP S1647T

Price per aliquot:

£110.00