



## LRRK2

Expressed:

**GFP LRRK2 T623A S764A S766A T833A S837A T838A T856A S858A S860A S908 S910A S912A S926A S933A S935A S954A S955A S958A S961A S962A S973A S975A S976A S979A S1124A S1292A R1441G**

Plasmid:

**pcDNA5 FRT/TO GFP LRRK2 T623A S764A S766A T833A S837A T838A T856A S858A S860A S908 S910A S912A S926A S933A S935A S954A S955A S958A S961A S962A S973A S975A S976A S979A S1124A S1292A R1441G**

Parent Plasmid:

**pcDNA5 FRT/TO GFP**

DU Number:

**DU62717**

Species:

**Human**

Synonyms:

Sequence of Insert:

**GGATCCATGGCTAGTGGCAGCTGTCAGGGGTGCGAAGAGGACGAGGAACTCTGAAGAAGTTG  
ATAGTCAGGCTGAACAATGTCCAGGAAGGAAAACAGATAGAAACGCTGGTCCAAATCCTGGAG  
GATCTGCTGGTGTTCACGTA CTCCGAGCACGCCTCCAAGTTATTTCAAGGCAAAAATATCCATGT  
GCCTCTGTTGATCGTCTTGGACTCCTATATGAGAGTCGCGAGTGTGCAGCAGGTGGGTTGGTCA  
CTTCTGTGCAAATTAATAGAAGTCTGTCCAGGTACAATGCAAAGCTTAATGGGACCCCAGGATG  
TTGGAAATGATTGGGAAGTCCTTGGTGTTACCAATTGATTCTTAAAATGCTAACAGTTCATAAT  
GCCAGTGTA AACTTGT CAGTGATTGGACTGAAGACCTTAGATCTCCTCCTAACTTCAGGTAAAT  
CACCTTGCTGATATTGGATGAAGAAAGTGATATTTTCATGTTAATTTTTGATGCCATGCACTCATT  
TCCAGCCAATGATGAAGTCCAGAACTTGGATGCAAAGCTTTACATGTGCTGTTTGAGAGAGTCT  
CAGAGGAGCAACTGACTGAATTTGTTGAGAACAAGATTATATGATATTGTTAAGTGCGTTAACA  
AATTTTAAAGATGAAGAGGAAATTGTGCTTCATGTGCTGCATTGTTTACATTCCCTAGCGATTCT  
TGCAATAATGTGGAAGTCCTCATGAGTGGCAATGTCAGGTGTTATAATATTGTGGTGGAAAGCTAT  
GAAAGCATTCCCTATGAGTGAAGAATTCAAGAAGTGAGTTGCTGTTTGCTCCATAGGCTTACAT  
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CTATTTTCTTAAATCAAGATTTAGAGGAAAAGAATGAGAATCAAGAGAATGATGATGAGGGGGA  
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CACGTGCAGGAGGCCGCATGCTGGGCACTAAATAATCTCCTTATGTACCAAACAGTTTACATG  
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ATGTTAATTTAGAAAATACTGTTATCAAAGGAATACACCTGAATGTTTTGGAGTTAATGCAG  
AAGCATATACATTCTCCTGAAGTGGCTGAAAGTGGCTGAAAATGCTAAATCATCTTTTTGAAGG  
AAGCAACTTCCCTGGATATAATGGCAGCAGTGGTCCCCAAAATACTAACAGTTATGAAACGT**

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CATGCCAGAAGAATCCAGGGAGGATACAGAATTTTCATCATAAGCTAAATATGGTTAAAAAACAG  
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AGGGAGGTAATGGTAAAAGAAAACAAGGAATCAAAACACAAAATGTCTTATTCTGGGAGAGTGA  
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CTGAAGGTACACAAAAGCAGAAAGAGATACAATCTTGCTTGACCGTTTGGGACATCAATCTTCC  
ACATGAAGTGCAAAATTTAGAAAACACATTGAAGTGAGAAAAGAATTAGCTGAAAAAATGAGA  
CGAACATCTGTTGAGTAAGAGAGAAATAGGCGGCCGC

Amino Acid Sequence:

MVSKGEELFTGVVPIVVELDGDVNGHKFSVSGEGEDATYGKLTCLKFICTTGKLPVPWPTLVTTLTYG  
VQCFSRYPDHMKQHDFFKSAMPEGYVQERTIFFKDDGNYKTRAEVKFEGLTLVNRIELKIDFKEDG  
NILGHKLEYNYNVYIMADKQKNGIKVNFKIRHNIEDGSVQLADHYQQNTPIGDGPVLLPDNHVLS  
QSALSKDPNEKRDHMLLEFVTAAGITLGMDELKSGLSMASGSCQGEDEETLKKLIVRLNNVQ  
EGKQIETLVQILEDLLVFTYSEHASKLFQGNHIVPLLVLDVSYMRVASVQQVGSLLCKLIEVCPGTM  
QSLMGPQDVGNDWEVLGVHQLILKMLTVHNASVNLVIGLKTLDLLTSGKITLLILDEESDIFMLIFDA  
MHSFPANDEVQKLGCKALHVLFRVSEEQLTEFVENKDYMILLSALTNFKDEEEIVLHVLHCLHSLAIP  
CNNVEVLMMSGNVRVYNIVVEAMKAFPMSEIRIQEVSCLLHRLTLGNFFNILVLNEVHEFVVKAVQQYP  
ENAALQISALSCLALLTETIFLNQDLEEKNNQENDEGEEDKLFWLEACYKALTWRKKNKHVQEA  
CWALNNLLMYQNSLHEKIGDEDGHFPAHREVMLSMLMHSSSKEVFQASANALSTLLEQNVNFRKILL  
SKGIHLNVLELMQKHIHSPEVAESGCKMLNHLFEGSNTSLDIMAAVVPKILTVMKRHETSLPVQLEAL

RAILHFIVPGMPEESREDTEFHKLNMVKKQCFKNDIHKLVLAALNRFIGNPGIQKCGLKVISSIVHFPD  
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QTKGFQTLAILKLSASFVSKLLVHHSFDLVIFHQMSSNIMEQKDQQFLNLCCCKCFKAVAMDDYLKNVM  
LERACDQNNSIMVECLLLLADANQAKEGSSLICQVCEKESSPKLVELLLNAGAREQDVRKALTISIG  
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EFYRDAVLQRCAPNLQRHANALGPIFDHEDLLKRKRKILAADDALRAAKLQSHMRHSDAIAALAAER  
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PSYLLKMSCIANLDVSRNDIGPSVVDPTVKCPTLKQFNLSYNQLSFVPENLTDVVEKLEQLILEGNI  
SGICAPLRLKELKILNLSKNHISSLENFLEACPVESFSARMNFLAAMPFLPPSMTILKLSQNKFCIP  
EAILNPLHLRSLDMSSNDIQYLPGPAHWKSLNLRRELLFSHNQISILDLEKAYLWSRVEKLHLSHNKL  
KEIPPEIGCLENLTSLDVSYNLELRSFPNEMGKLAKIWDLPDELHLNFDKFKHIGCKAKDIIRFLQQRK  
KAVPYNRMKLMIVGNTGSGKTTLLQQLMKTCKSDLGMSATVGDVVDWPIQIRDKRKRDLVLNVW  
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VPSSLSDRHPVIELPHCENSEIIIRLYEMPYFPMGFWSRLINRLLLEISPYMLSGRERLRPNRMYWRQG  
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LLKKWALYSFNDGEEHQKILLDDLMKKAEEGDLLVNPDPQRLTIPIQIAPDLILADLPRNIMLNDEL  
EFEQAPEFLLGDGSGSVYRAAYEGEEVAVKIFNKHTSLRLLRQELVVLCHLHHPSLISLLAAGIRPR  
MLVMELASKGSLDRLLQQDKASLRTLQHRIALHVADGLRYLHSAMIYRDLKPHNVLLFTLYPNAII  
AKIADYGIAQYCCRMGIKTSEGTPGFRAPEVARGNVIYNQQADVVSFGLLLYDILTGGRIVEGLKFPN  
EFDELEIQGKLPDPVKEYGCAPWPMVEKLIKQCLKENPQERPTSAQVFDILNSAELVCLTRRILLPKN  
VIVECMVATHHNSRNASIWLGC GHTDRGQLSFLDLNTEGYTSEEVADSRILCLALVHLPVEKESWIVS  
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AAPLKILNIGNVSTPLMCLSESTNTERNVMWGGCGTKIFSFSNDFTIQKLIETRTS QLFSYA AFSDSNI  
ITVVVDTALYIAKQNSPVVEVWDKKTEKLCGLIDCVHFLREVMVKENKESKHKMSYSGRVKTLCCLQK  
NTALWIGTGGGHILLDLSTRRLIRVIYNFCNSVRVMMTAQLGSLKNVMLVLGYNRKNTEGTQKQKEI  
QSCLTVWDINLPHEVQNLEKHIEVRKELAEKMRRTSVE\*

Antibiotic:

**Amp**

Comments:

**Grow at or below 30°C Contains SNP S1647T**

Price per aliquot:

**£110.00**