



## LRRK2

Expressed:

**GFP LRRK2 M1-E750**

Plasmid:

**pcDNA5D FRT/TO GFP LRRK2 M1-E750**

Parent Plasmid:

**pcDNA5D FRT/TO GFP**

DU Number:

**DU62726**

Species:

**Human**

Synonyms:

Sequence of Insert:

**GGATCCATGGCTAGTGGCAGCTGTCAGGGGTGCGAAGAGGACGAGGAACTCTGAAGAAGTTG  
ATAGTCAGGCTGAACAATGTCCAGGAAGGAAAACAGATAGAAACGCTGGTCCAAATCCTGGAG  
GATCTGCTGGTGTTCACGTA CTCCGAGCACGCCTCCAAGTTATTTCAAGGCAAAAATATCCATGT  
GCCTCTGTTGATCGTCTTGGACTCCTATATGAGAGTCGCGAGTGTGCAGCAGGTGGGTTGGTCA  
CTTCTGTGCAAATTAATAGAAGTCTGTCCAGGTACAATGCAAAGCTTAATGGGACCCCAGGATG  
TTGGAAATGATTGGGAAGTCCTTGGTGTTACCAATTGATTCTTAAAATGCTAACAGTTCATAAT  
GCCAGTGTA AACTTGT CAGTGATTGGACTGAAGACCTTAGATCTCCTCCTAACTTCAGGTA AAT  
CACCTTGCTGATATTGGATGAAGAAAGTGATATTTTCATGTTAATTTTTGATGCCATGCACTCATT  
TCCAGCCAATGATGAAGTCCAGAACTTGGATGCAAAGCTTTACATGTGCTGTTTGAGAGAGTCT  
CAGAGGAGCAACTGACTGAATTTGTTGAGAACAAGATTATATGATATTGTTAAGTGC GTTAACA  
AATTTTAAAGATGAAGAGGAAATTGTGCTTCATGTGCTGCATTGTTTACATTCCCTAGCGATTCT  
TGCAATAATGTGGAAGTCCTCATGAGTGGCAATGTCAGGTGTTATAATATTGTGGTGGAAAGCTAT  
GAAAGCATTCCCTATGAGTGAAGAATTCAAGAAGTGAGTTGCTGTTTGCTCCATAGGCTTACAT  
TAGGTAATTTTTCAATATCCTGGTATTAACGAAGTCCATGAGTTTGTGGTGAAGCTGTGCAG  
CAGTACCAGAGAATGCAGCATTGCAGATCTCAGCGCTCAGCTGTTTGGCCCTCCTCACTGAGA  
CTATTTTCTTAAATCAAGATTTAGAGGAAAAGAATGAGAATCAAGAGAATGATGATGAGGGGGA  
AGAAGATAAATTGTTTTGGCTGGAAGCCTGTTACAAAGCATTAACTGATGAGGAAACAAG  
CACGTGCAGGAGGCCGCATGCTGGGCACTAAATAATCTCCTTATGTACCAAACAGTTTACATG  
AGAAGATTGGAGATGAAGATGGCCATTTCCAGCTCATAGGGAAGTGATGCTCTCCATGCTGAT  
GCATTCTTCATCAAAGGAAGTTTTCCAGGCATCTGCGAATGCATTGTCAACTCTCTTAGAACAAA  
ATGTTAATTTAGAAAATACTGTTATCAAAGGAATACACCTGAATGTTTTGGAGTTAATGCAG  
AAGCATATACATTCTCCTGAAGTGGCTGAAAGTGGCTGTAAAATGCTAAATCATCTTTTTGAAGG  
AAGCAACTTCCCTGGATATAATGGCAGCAGTGGTCCCCAAAATACTAACAGTTATGAAACGT  
CATGAGACATCATTACCAGTGCAGCTGGAGGCGCTTCGAGCTATTTTACATTTTATAGTGCCTGG  
CATGCCAGAAGAATCCAGGGAGGATACAGAATTTTCATCATAAGCTAAATATGGTTAAAAAACAG  
TGTTTCAAGAATGATATTCACAAACTGGTCCTAGCAGCTTTGAACAGGTTTCATTGGAAATCCTGG  
GATTCAGAAATGTGGATTA AAGTAATTTCTTCTATTGTACATTTTCTGATGCATTAGAGATGTT**

ATCCCTGGAAGGTGCTATGGATTCAAGTCTCACACACTGCAGATGTATCCAGATGACCAAGAA  
ATTCAGTGTCTGGGTTAAGTCTTATAGGATACTTGATTACAAAGAAGAATGTGTTTCATAGGAAC  
TGGACATCTGCTGGCAAAAATTCTGGTTTCCAGCTTATACCGATTTAAGGATGTTGCTGAAATAC  
AGACTAAAGGATTTCAAGACAATCTTAGCAATCCTCAAATTGTCAGCATCTTTTTCTAAGCTGCTG  
GTGCATCATTCAATTTGACTTAGTAATATTCCATCAAATGTCTTCCAATATCATGGAACAAAAGGAT  
CAACAGTTTCTAAACCTCTGTTGCAAGTGTGTTGCAAAAAGTAGCTATGGATGATTACTTAAAAAAT  
GTGATGCTAGAGAGAGCGTGTGATCAGAATAACAGCATCATGGTTGAATGCTTGCTTCTATTGG  
GAGCAGATGCCAATCAAGCAAAGGAGGGATCTTCTTAATTTGTCAGGTATGTGAGTGAGCGGC  
CGC

Amino Acid Sequence:

MVSKGEELFTGVVPIVVELDGDVNGHKFSVSGEGEGDATYGKLTCLKFICTTGKLPVPWPTLVTTLYG  
VQCFSRYPDHMKQHDFFKSAMPEGYVQERTIFFKDDGNYKTRAEVKFEGLTLVNRIELKIDFKEDG  
NILGHKLEYNYNVYIMADKQKNGIKVNFKIRHNIEDGSVQLADHYQQNTPIGDGPVLLPDNHYLST  
QSALSKDPNEKRDHMLLEFVTAAGITLGMDELYKSLGSMASGSCQGCEEDEETLKKLIVRLNNVQ  
EGKQIETLVQILEDLLVFTYSEHASKLFQGNKIHVPLLVLDVSYMRVASVQQVGSLLCKLIEVCPGTM  
QSLMGPQDVGNDWEVLGVHQLILKMLTVHNASVNLVIGLKTLDLLTSGKITLLILDEESDIFMLIFDA  
MHSFPANDEVQKLGCKALHVLFRVSEEQLTEFVENKDYMILLSALTNFKDEEEIVLHVLHCLHSLAIP  
CNNVEVLMMSGNRCYNIVVEAMKAFFMSERIQEVSCLLHRLTLGNFFNILVLNEVHEFVVKAVQQYP  
ENAALQISALSCLALLTETIFLNQDLEEKNNENQENDDEGEEDKLFWLEACYKALTWRKKNKHVQEAA  
CWALNNLLMYQNSLHEKIGDEDGHFPAHREVMLSMLMHSSSKEVFQASANALSTLLEQNVNFRKILL  
SKGIHLNVLELMQKHIHSPEVAESGCKMLNHLFEGSNTSLDIMA AVVPKILTVMKRHETSLPVQLEAL  
RAILHFIVPGMPEESREDTEFHKLNMVKKQCFKNDIHKLVLAALNRFIGNPGIQKCGCLKVISSIVHFPD  
ALEMLSLEGAMDSVLHTLQMYPDDEIQCLGLSLIGYLITKKNVFIGTGHLAKILVSSLYRFKDVAEIQ  
TKGFQITLAILKLSASFSLLVHHSFDLVIFHQMSSNIMEQKDQQLNLCCCKCFKAVAMDDYLKNVML  
ERACDQNSIMVECLLLLGDANQAKEGSSLICQVCE\*

Antibiotic:

**Amp**

Comments:

**Contains SNP S1647T**

Price per aliquot:

**£110.00**