



## LRRK2

Expressed:

**6HIS SUMO LRRK2 M1-S885**

Plasmid:

**pET15b 6HIS SUMO LRRK2 M1-S885**

Parent Plasmid:

**pET15b 6His SUMO**

DU Number:

**DU27157**

Species:

**Human**

Synonyms:

Sequence of Insert:

**GGATCCATGGCTAGTGGCAGCTGTCAGGGGTGCGAAGAGGACGAGGAACTCTGAAGAAGTTG  
ATAGTCAGGCTGAACAATGTCCAGGAAGGAAAACAGATAGAAACGCTGGTCCAAATCCTGGAG  
GATCTGCTGGTGTTCACGTACTCCGAGCACGCCTCCAAGTTATTTCAAGGCAAAAATATCCATGT  
GCCTCTGTTGATCGTCTTGGACTCCTATATGAGAGTCGCGAGTGTGCAGCAGGTGGGTTGGTCA  
CTTCTGTGCAAATTAATAGAAGTCTGTCCAGGTACAATGCAAAGCTTAATGGGACCCCAGGATG  
TTGGAAATGATTGGGAAGTCCTTGGTGTTCACCAATTGATTCTTAAAATGCTAACAGTTCATAAT  
GCCAGTGTTGAATTTGTTGAGAACAAAGATTATATGATATTGTTAAGTGCGTTAACAAATTTTAA  
GATGAAGAGGAAATTGTGCTTCATGTGCTGCATTGTTTACATTCCCTAGCGATTCCCTTGAATAA  
TGTGGAAGTCCTCATGAGTGGCAATGTCAGGTGTTATAATATTGTGGTGAAGCTATGAAAGCAT  
TCCCTATGAGTGAAAGAATTCAAGAAGTGAGTTGCTGTTTGTCCATAGGCTTACATTAGGTAAT  
TTTTCAATATCCTGGTATTAACGAAGTCCATGAGTTTGTGGTGAAGCTGTGCAGCAGTACCC  
AGAGAATGCAGCATTGCAGATCTCAGCGCTCAGCTGTTTGGCCCTCCTCACTGAGACTATTTTCT  
TAAATCAAGATTTAGAGGAAAAGAATGAGAATCAAGAGAATGATGATGAGGGGGGAAGAAGATA  
AATTGTTTTGGCTGGAAGCCTGTTACAAAGCATTAACTGCGCATAGAAAGAACAAGCACGTGCA  
GGAGGCCGCATGCTGGGCACTAAATAATCTCCTTATGTACCAAACAGTTTACATGAGAAGATT  
GGAGATGAAGATGGCCATTTCCAGCTCATAGGGAAGTGATGCTCTCCATGCTGATGCATTCTT  
CATCAAAGGAAGTTTTCCAGGCATCTGCGAATGCATTGTCAACTCTCTTAGAACAAAATGTTAAT  
TTCAGAAAAATACTGTTATCAAAGGAATACACCTGAATGTTTTGGAGTTAATGCAGAAGCATAT  
ACATTCTCCTGAAGTGGCTGAAAGTGGCTGTAAAATGCTAAATCATCTTTTTGAAGGAAGCAACA  
CTTCCCTGGATATAATGGCAGCAGTGGTCCCCAAAATACTAACAGTTATGAAACGTCATGAGAC  
ATCATTACCAGTGCAGCTGGAGGCGCTTCGAGCTATTTTACATTTTATAGTGCCTGGCATGCCAG  
AAGAATCCAGGGAGGATACAGAATTTTCATCATAAGCTAAATATGGTTAAAAAACAGTGTTC  
GAATGATATTCACAACTGGTCTTAGCAGCTTTGAACAGGTTTATTGGAAATCCTGGGATTCAGA  
AATGTGGATTAAGTAATTTCTTCTATTGTACATTTTCTGATGCATTAGAGATGTTATCCCTGG  
AAGGTGCTATGGATTCAGTGCTTCACACACTGCAGATGTATCCAGATGACCAAGAAATTCAGTG  
TCTGGGTTAAGTCTTATAGGATACTTGATTACAAAGAAGAATGTGTTTCATAGGAACTGGACATC  
TGCTGGCAAAAATTCTGGTTTCCAGCTTATACCGATTTAAGGATGTTGCTGAAATACAGACTAAA**

GGATTTGAGACAATCTTAGCAATCCTCAAATTGTCAGCATCTTTTTCTAAGCTGCTGGTGCATCAT  
TCATTTGACTTAGTAATATTCCATCAAATGTCTTCCAATATCATGGAACAAAAGGATCAACAGTTT  
CTAAACCTCTGTTGCAAGTGTGTTTGCAAAAGTAGCTATGGATGATTACTTAAAAAATGTGATGCT  
AGAGAGAGCGTGTGATCAGAATAACAGCATCATGGTTGAATGCTTGCTTCTATTGGGAGCAGAT  
GCCAATCAAGCAAAGGAGGGATCTTCTTTAATTTGTCAGGTATGTGAGAAAGAGAGCAGTCCCA  
AATTGGTGGAACTCTTACTGAATAGTGGATCTCGTGAACAAGATGTACGAAAAGCGTTGACGAT  
AAGCATTGGGAAAAGGTGACAGCCAGATCATCAGCTTGCTCTTAAGGAGGCTGGCCCTGGATGTG  
GCCAACAATAGCATTGCTTGGAGGATTTGTATAGGAAAAGTTGAACCTTCTTGGCTTGGTCC  
TTTATTTCCAGATAAGACTTCTAATTTAAGGAAAACAAACAAATATAGCATCTACACTAGCAAGAA  
TGGTGATCAGATATCAGATGAAAAGTGTGTGGAAGAAGGAACAGCCTCAGGCAGCGATGGAA  
ATTTTTCTGAAGATGTGCTGTCTAAATTTGATGAATGGACCTTTATTCCTGACTCTTCTATGGACA  
GTTGAGCGGCCGC

Amino Acid Sequence:

MGHHHHHSDQEAKPSTEDLGDKKEGEYIKLVIGQDSSEIHFVKVMTTHLKKLKESYCQRQGVPM  
NSLRFLFEGQRIADNHTPKELGMEEEDVIEVYQEQTGGSMASGSCQGCEEDEETLKKLIVRLNNVQE  
GKQIETLVQILEDLLVFTYSEHASKLFGQKNIHVPLLIVLDSYMRVASVQQVGVSWLLCKLIEVCPGTMQ  
SLMGPQDVGNWVGLGVHQLILKMLTVHNASVEFVENKDYMILLSALTNFKDEEEIVLHVLHCLHSLA  
IPCNNVEVLMGNSVRCYNIVVEAMKAFPMSEIRIQEVSCLLHRLTLGNFFNILVLNEVHEFVVKAVQQ  
YPENAALQISALSCLALLTETIFLNQDLEEKNNENQENDDEGEEDKLFWLEACYKALTWHRKNKHVQE  
AACWALNNLLMYQNSLHEKIGDEDGHFPAHREVMLSMLMHSSSKEVFQASANALSTLLEQNVNFRK  
ILLSKGIHLNVLELMQKHIHSPEVAESGCKMLNHLFEGSNTSLDIMA AVVPKILTVMKRHETSLPVQLE  
ALRAILHFIVPGMPEESREDTEFHKLNMVKKQCFKNDIHKLVLAALNRFIGNPGIQKCGGLKVISSIVHF  
PDALEMLSLEGAMDSVLHTLQMYPPDDQEIQLGLSLIGYLITKKNVFIGTGHLLAKILVSSLYRFKDVA  
EIQTGFQTLAILKLSASFSLLVHHSFDLVIFHQMSNIMEQKDQQFLNLCKCFKAVAMDDYLKNV  
MLERACDQNSIMVECLLLLGDANQAKEGSSLICQVCEKESSPKLVELLLNSGSREQDVRKALTISI  
GKGDSQIISLLLRRLALDVANNSICLGGFCIGKVEPSWLGPLFPDKTSNLRKQTNIAS TLARMVIRYQM  
KSAVEEGTASGSDGNFSEDVLSKFDEWTFIPDSSMDS\*

Antibiotic:

**Amp**

Comments:

**Needs linker after SENP cleavage deleted Grow at or below 30°C Contains SNP S1647T**

Price per aliquot:

**£110.00**