



## LRRK2

Expressed:

**6HIS SUMO LRRK2 H125-S885**

Plasmid:

**pET15b 6HIS SUMO LRRK2 H125-S885**

Parent Plasmid:

**pET15b 6His SUMO**

DU Number:

**DU27081**

Species:

**Human**

Synonyms:

Sequence of Insert:

**GGATCCCATAATGCCAGTGTAACCTTGTCAGTGATTGGACTGAAGACCTTAGATCTCCTCCTAAC  
TTCAGGTAAAATCACCTTGCTGATATTGGATGAAGAAAGTGATATTTTCATGTTAATTTTTGATGC  
CATGCACTCATTCCAGCCAATGATGAAGTCCAGAACTTGGATGCAAAGCTTTACATGTGCTGT  
TTGAGAGAGTCTCAGAGGAGCAACTGACTGAATTTGTTGAGAACAAGATTATATGATATTGTTA  
AGTGCGTTAACAAATTTTAAAGATGAAGAGGAAATTGTGCTTCATGTGCTGCATTGTTTACATTC  
CCTAGCGATTCCCTTGCAATAATGTGGAAGTCCTCATGAGTGGCAATGTCAGGTGTTATAATATTG  
TGGTGGAAAGCTATGAAAGCATTCCCTATGAGTGAAAGAATTCAAGAAGTGAGTTGCTGTTTGCTC  
CATAGGCTTACATTAGGTAATTTTTTCAATATCCTGGTATTAACGAAGTCCATGAGTTTGTGGTG  
AAAGCTGTGCAGCAGTACCCAGAGAATGCAGCATTGCAGATCTCAGCGCTCAGCTGTTTGGCCC  
TCCTCACTGAGACTATTTTCTTAAATCAAGATTTAGAGGAAAAGAATGAGAATCAAGAGAATGAT  
GATGAGGGGGAAGAAGATAAATTGTTTTGGCTGGAAGCCTGTTACAAAGCATTAACTGTCGATA  
GAAAGAACAAGCACGTGCAGGAGGCCGCATGCTGGGCACTAAATAATCTCCTTATGTACCAAAA  
CAGTTTACATGAGAAGATTGGAGATGAAGATGGCCATTTCCAGCTCATAGGGAAGTGATGCTC  
TCCATGCTGATGCATTCTTCATCAAAGGAAGTTTTCCAGGCATCTGCGAATGCATTGTCAACTCT  
CTTAGAACAAAATGTTAATTTTCAAGAAAATACTGTTATCAAAGGAATACACCTGAATGTTTTGG  
AGTTAATGCAGAAGCATATACATTCTCCTGAAGTGGCTGAAAGTGGCTGTAAAATGCTAAATCAT  
CTTTTTGAAGGAAGCAACTTCCCTGGATATAATGGCAGCAGTGGTCCCCAAAATACTAACAG  
TTATGAAACGTCATGAGACATCATTACCAGTGCAGCTGGAGGCGCTTCGAGCTATTTTACATTTT  
ATAGTGCCTGGCATGCCAGAAGAATCCAGGGAGGATACAGAATTTTCATCATAAGCTAAATATGG  
TTAAAAAACAGTGTTTCAAGAATGATATTCACAACTGGTCCTAGCAGCTTTGAACAGGTTTATT  
GGAAATCCTGGGATTCAGAAATGTGGATTAAGTAATTTCTTCTATTGTACATTTTCTGATGCA  
TTAGAGATGTTATCCCTGGAAGGTGCTATGGATTCAGTGCTTCACACACTGCAGATGTATCCAGA  
TGACCAAGAAATTCAGTGTCTGGGTTTAAAGTCTTATAGGATACTTGATTACAAAGAAGAATGTGT  
TCATAGGAACTGGACATCTGCTGGCAAAAATTCTGGTTTCCAGCTTATACCGATTTAAGGATGTT  
GCTGAAATACAGACTAAAGGATTTTCAAGACAATCTTAGCAATCCTCAAATTGTCAGCATCTTTTTCT  
AAGCTGCTGGTGCATCATTCTTTGACTTAGTAATATTCCATCAAATGTCTTCCAATATCATGGAA  
CAAAAGGATCAACAGTTTCTAAACCTCTGTTGCAAGTGTGTTGCAAAAGTAGCTATGGATGATTA**

CTTAAAAAATGTGATGCTAGAGAGAGCGTGTGATCAGAATAACAGCATCATGGTTGAATGCTTG  
CTTCTATTGGGAGCAGATGCCAATCAAGCAAAGGAGGGATCTTCTTTAATTTGTCAGGTATGTGA  
GAAAGAGAGCAGTCCCAAATTGGTGGAACCTTACTGAATAGTGGATCTCGTGAACAAGATGTA  
CGAAAAGCGTTGACGATAAGCATTGGGAAAGGTGACAGCCAGATCATCAGCTTGCTCTTAAGGA  
GGCTGGCCCTGGATGTGGCCAACAATAGCATTTCCTTGGAGGATTTTGTATAGGAAAAGTTGA  
ACCTTCTTGGCTTGGTCTTTATTTCCAGATAAGACTTCTAATTTAAGGAAACAAACAAATATAGC  
ATCTACACTAGCAAGAATGGTGATCAGATATCAGATGAAAAGTGCTGTGGAAGAAGGAACAGCC  
TCAGGCAGCGATGGAAATTTTCTGAAGATGTGCTGTCTAAATTTGATGAATGGACCTTTATTCT  
GACTCTTCTATGGACAGTTGAGCGGCCCG

Amino Acid Sequence:

MGHHHHHSDQEAKPSTEDLGDKKEGEYIKLVIGQDSSEIHFVKVMTTHLKKLKESYCQRQGVPM  
NSLRFLFEGQRIADNHTPKELGMEEEDVIEVYQEQTGGHNASVNLVIGLKTLDLLTSGKITLLILDEE  
SDIFMLIFDAMHSFPANDEVQKLGCKALHVLFERVSEEQLTEFVENKDYMILLSALTNFKDEEEIVLHV  
LHCLHSLAIPCNNVEVLMSGNVCYNIVVEAMKAFPMSERIQEVSCLLHRLTLGNFFNILVLNEVHEF  
VVKAVQQYPENAALQISALSCLALLTETIFLNQDLEEKNEQENDDEGEEDKLFWLEACYKALTWHR  
KNKHVQEAACWALNLLMYQNSLHEKIGDEDEGHFPAHREVMLSMLMHSSSKEVFAQASANALSTLLE  
QNVNFRKILLSKGIHLNVLELMQKHIHSPEVAESGCKMLNHLFEGSNTSLDIMA AVVPKILTVMKRHET  
SLPVQLEALRAILHFIVPGMPPEESREDTEFHHLNMVKKQCFKNDIHKLVLAALNRFIGNPGIQKCGLK  
VISSIVHFPDALEMLSLEGAMDSVLHTLQMYPPDDQEIQCLGLSLIGYLITKKNVFIGTGHELLAKILVSSLY  
RFKDVAEIQTGKFQTLAILKLSASFSLLVHHSFDLVIFHQMSSNIMEQKDQQFLNLCKCFKAVAMD  
DYLKNVMLERACDQNN SIMVECLLLL GADANQAKEGSSLICVCEKESSPKLVLLLLNSGSREQDVR  
KALTISIGKGD S QIISLLL RRLALDVANNSICLGGFCIGKVEPSWLGPLFPDKTSNLRKQTNIAS TLARM  
VIRYQMKSAVEEGTASGSDGNFSEDLVLSKFDEWTFIPDSSMDS\*

Antibiotic:

**Amp**

Comments:

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

Price per aliquot:

**£110.00**