



LRRK2

Expressed:

6HIS SUMO LRRK2 M1-L1000

Plasmid:

pET15b 6HIS SUMO LRRK1 M1-L1000

Parent Plasmid:

pET15b 6His SUMO

DU Number:

DU27125

Species:

Human

Synonyms:

Sequence of Insert:

**GGATCCATGGCTAGTGGCAGCTGTCAGGGGTGCGAAGAGGACGAGGAACTCTGAAGAAGTTG
ATAGTCAGGCTGAACAATGTCCAGGAAGGAAAACAGATAGAAACGCTGGTCCAAATCCTGGAG
GATCTGCTGGTGTTCACGTA CTCCGAGCACGCCTCCAAGTTATTTCAAGGCAAAAATATCCATGT
GCCTCTGTTGATCGTCTTGGACTCCTATATGAGAGTCGCGAGTGTGCAGCAGGTGGGTTGGTCA
CTTCTGTGCAAATTAATAGAAGTCTGTCCAGGTACAATGCAAAGCTTAATGGGACCCCAGGATG
TTGGAAATGATTGGGAAGTCCTTGGTGTTACCAATTGATTCTTAAAATGCTAACAGTTCATAAT
GCCAGTGTA AACTTGT CAGTGATTGGACTGAAGACCTTAGATCTCCTCCTAACTTCAGGTA AAT
CACCTTGCTGATATTGGATGAAGAAAGTGATATTTTCATGTTAATTTTTGATGCCATGCACTCATT
TCCAGCCAATGATGAAGTCCAGAACTTGGATGCAAAGCTTTACATGTGCTGTTTGAGAGAGTCT
CAGAGGAGCAACTGACTGAATTTGTTGAGAACAAGATTATATGATATTGTTAAGTGCGTTAACA
AATTTTAAAGATGAAGAGGAAATTGTGCTTCATGTGCTGCATTGTTTACATTCCCTAGCGATTCT
TGCAATAATGTGGAAGTCCTCATGAGTGGCAATGTCAGGTGTTATAATATTGTGGTGGAAAGCTAT
GAAAGCATTCCCTATGAGTGAAGAATTCAAGAAGTGAGTTGCTGTTTGCTCCATAGGCTTACAT
TAGGTAATTTTTCAATATCCTGGTATTAACGAAGTCCATGAGTTTGTGGTGAAGCTGTGCAG
CAGTACCAGAGAATGCAGCATTGCAGATCTCAGCGCTCAGCTGTTTGGCCCTCCTCACTGAGA
CTATTTTCTTAAATCAAGATTTAGAGGAAAAGAATGAGAATCAAGAGAATGATGATGAGGGGGA
AGAAGATAAATTGTTTTGGCTGGAAGCCTGTTACAAAGCATTAACTGATGAGGAGGAGGAGGAG
CACGTGCAGGAGGCCGCATGCTGGGCACTAAATAATCTCCTTATGTACCAAACAGTTTACATG
AGAAGATTGGAGATGAAGATGGCCATTTCCAGCTCATAGGGAAGTGATGCTCTCCATGCTGAT
GCATTCTTCATCAAAGGAAGTTTTCCAGGCATCTGCGAATGCATTGTCAACTCTCTTAGAACAAA
ATGTTAATTTCAGAAAAATACTGTTATCAAAGGAATACACCTGAATGTTTTGGAGTTAATGCAG
AAGCATATACATTCTCCTGAAGTGGCTGAAAGTGGCTGTAAAATGCTAAATCATCTTTTTGAAGG
AAGCAACTTCCCTGGATATAATGGCAGCAGTGGTCCCCAAAATACTAACAGTTATGAAACGT
CATGAGACATCATTACCAGTGCAGCTGGAGGCGCTTCGAGCTATTTTACATTTTATAGTGCCTGG
CATGCCAGAAGAATCCAGGGAGGATACAGAATTTATCATAAGCTAAATATGGTTAAAAAACAG
TGTTTCAAGAATGATATTCACAAACTGGTCTAGCAGCTTTGAACAGGTTTCATTGGAAATCCTGG
GATTCAGAAATGTGGATTA AAGTAATTTCTTCTATTGTACATTTTCTGATGCATTAGAGATGTT**

ATCCCTGGAAGGTGCTATGGATTCAAGTCTTACACACTGCAGATGTATCCAGATGACCAAGAA
ATTCAGTGTCTGGGTTAAGTCTTATAGGATACTTGATTACAAAGAAGAATGTGTTTCATAGGAAC
TGGACATCTGCTGGCAAAAATTCTGGTTTCCAGCTTATACCGATTTAAGGATGTTGCTGAAATAC
AGACTAAAGGATTTCAAGACAATCTTAGCAATCCTCAAATTGTCAGCATCTTTTTCTAAGCTGCTG
GTGCATCATTCAATTTGACTTAGTAATATTCCATCAAATGTCTTCCAATATCATGGAACAAAAGGAT
CAACAGTTTCTAAACCTCTGTTGCAAGTGTGTTGCAAAAAGTAGCTATGGATGATTACTTAAAAAAT
GTGATGCTAGAGAGAGCGTGTGATCAGAATAACAGCATCATGGTTGAATGCTTGCTTCTATTGG
GAGCAGATGCCAATCAAGCAAAGGAGGGATCTTCTTTAATTTGTCAGGTATGTGAGAAAAGAGAG
CAGTCCCAAATTGGTGGAACCTTACTGAATAGTGGATCTCGTGAACAAGATGTACGAAAAGCG
TTGACGATAAGCATTGGGAAAAGGTGACAGCCAGATCATCAGCTTGCTCTTAAGGAGGCTGGCCC
TGGATGTGGCCAACAATAGCATTGCTTGGAGGATTTTGTATAGGAAAAGTTGAACCTTCTTGG
CTTGGTCTTTATTTCCAGATAAGACTTCTAATTTAAGGAAAACAACAATATAGCATCTACACTA
GCAAGAATGGTGATCAGATATCAGATGAAAAGTGTGTGGAAGAAGGAACAGCCTCAGGCAGC
GATGGAAATTTTTCTGAAGATGTGCTGTCTAAATTTGATGAATGGACCTTTATTCTGACTCTTCT
ATGGACAGTGTGTTTGTCAAAGTGTGACCTGGATAGTGAAGGAAGTGAAGGCTCATTCTTGT
GAAAAGAAATCTAATCAATTAGTGTAGGAGAATTTTACCGAGATGCCGTATTACAGCGTTGCT
CACCAAATTTGCAAAGACATTCCAATTCCTTGGGGCCCATTTTTGATCATGAAGATTTACTGAAG
CGAAAAAGAAAAATACTATCTTCAGATGATTCACTCAGGTCATCAAACCTTCAATCCCATATGAG
GCATTCAGACAGCATTCTTCTCTGGCTTCTGAGAGAGAATATATTACATCACTAGACCTTTCAG
CAAATGAACTAAGAGATATTGATGCCCTATAGCGGCCGCG

Amino Acid Sequence:

MGHHHHHSDQEAKPSTEDLGDKKEGEYIKLVIGQDSSEIHFVKMTTHLKKLKESYCQRQGVPM
NSLRFLFEGQRIADNHTPKELGMEEDVIEVYQEQTGGSMASGSCQGCEEDEETLKKLIVRLNNVQE
GKQIETLVQILEDLLVFTYSEHASKLFGQKNIHVPLLVLDYSYMRVASVQQVGVWSLLCKLIEVCPGTMQ
SLMGPQDVGNDEVLGVHQLILKMLTVHNASVNLVIGLKTLDLLTSGKITLLILDEESDIFMLIFDAM
HSFPANDEVQKLGCKALHVLFERVSEEQLTEFVENKDYMILLSALTNFKDEEEIVLHVLHCLHSLAIPC
NNVEVLMSGNVRCYNIVVEAMKAFPMSEIRIQEVSCLLHRLTLGNFFNILVLNEVHEFVVKAVQQYPE
NAALQISALSCLALLTETIFLNQDLEEKNNENQENDDEGEEDKLFWLEACYKALTWHRKNKHVQEAC
WALNNLLMYQNSLHEKIGDEDGHFPAHREVMSMLMHSSSKEVFQASANALSTLLEQNVNFRKILLS
KGIHLNVLELMQKHIHSPEVAESGCKMLNHLFEQSNTSLDIMA AVVPKILTVMKRHETSLPVQLEALR
AILHFIVPGMPEESREDTEFHKLNMVKKQCFKNDIHKLVLAALNRFIGNPGIQKCGLVKVISSIVHFPDA
LEMLSLEGAMDSVLHTLQMYPDDEIQCLGLSLIGYLITKKNVFIGTGHLLAKILVSSLYRFKDVAEIQT
KGFQTLAILKLSASFSKLLVHHSFDLVIFHQMSSNIMEQKDQQLNLCCKCFKAVMDDYLKNVMLE
RACDQNSSIMVECLLLL GADANQAKEGSSLICQVCEKESPKLVELLLNSGSREQDVRKALTISIGKG
DSQIISLLRRALDVANNSICLGGFCIGKVEPSWLGPLFPDKTSNLRKQTNIASTLARMVIRYQMKSA
VEEGTAGSDGNFSEDVLSKFDEWTFIPDSSMDSVFAQSDDL DSEGSEGSFLVKKKSNSISVGEFYR
DAVLQRCSPNLQRHSNSLGPFDHEDLLKRKRKILSSDLSLRSSKLQSHMRHSDSISSLASEREYITSL
DLSANELRDIDAL*

Antibiotic:

Amp

Comments:

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

Price per aliquot:

£110.00