



LRRK2

Expressed:

FLAG LRRK2 S973N

Plasmid:

pCMV5 FLAG LRRK2 S973N

Parent Plasmid:

pCMV5 FLAG1

DU Number:

DU13082

Genbank:

NM_198578.3

Species:

Human

Synonyms:

AURA17; DARDARIN; PARK8; RIPK7; ROCO2

Amino Acid Sequence:

**MDYKDDDDKGSMAAGSCQGCEEDEETLKKLIVRLNNVQEGKQIETLVQILEDLLVFTYSEHASKLFQ
GKNIHVPLLIVLDSYMRVASVQQVGWSLLCKLI EVCPTMQSLMGPQDVGNDWEVLGVHQLILKML
TVHNASVNLVIGLKTLDLLTSGKITLLILDEESDIFMLIFDAMHSFPANDEVQKLGCKALHVLFE RVS
EEQLTEFVENKDYMILLSALTNFKDEEEIVLHVLHCLHSLAIPCNNVEVLMSGNVRCYNIVVEAMKAFP
MSERIQEVSCLLHRLTLGNFFNILVLN EVHEFVVKAVQQYPENAALQISALSCLALLTETIFLNQDLE
EKNNQENDDEGEEDKLFWLEACYKALTWRKKNKHVQEAACWALNLLMYQNSLHEKIG DEDGH
FPAHREVMLSMLMHSSSKEVFQASANALSTLLEQNVNFRKILLSKGIHLNVLELMQKHIHSPEVAESG
CKMLNHLFEGSNTSLDIMA AVVPKILT VMKRHETSLPVQLEALRAILHFIVPGMPEESREDTEFHKL
NMVKKQCFKNDIHKLVLAALNRFIGNPGIQKCGLKVISSIVHFPDALEMLSLEGAMDSV LHTLQMYPD
DQEIQCLGLSLIGYLITKKNVFIGTGHLLAKILVSSLYRFKDVAEIQTGFQILAILKLSASFSLLVHHS
FDLVIFHQMSSNIMEQKDQ QFLNLCCKCFKAVAMDDYLKNVMLERACDQNNSIMVECLLLLGADAN
QAKEGSSLICQVCEKESPKLVELLLNSGSREQDVRKALTISIGKGDSSIISL LLRRLALDVANNICL
GGFCIGKVEPSWLGLFPDKTSNLRKQTNIASLARMVIRYQMKSAVEEGTAGSDGNFSEDVLSKF
DEWTFIPDSSMDSVFAQ SDDL DSEGSEGSFLVKKKSNSISVGEFYRDAVLQRCSPNLQRHSNSLGPI
FDHEDLLKRKRKILSSDDSLRSSLQSHMRHSDSISSLASEREYITSLDL SANELRDIDALSQKCCISV
HLEHLEKLELHQNALTSFPQQLCETLKSLTHLDLHSNKFTSFPSYLLKMSCIANLDVSRNDIGPSVVL
DPTVKCPTLKQFN LSYNQLSFVPENLTDVVEKLEQLILEGNKISGICSPRLKELKILNLSKNHISSLSE
NFLEACPVESFSARMNFLAAMPFLPPSMTILKLSQNKFSCIP EAILNPLHLRSLDMSSNDIQYLPGP
AHWKSLNRELLFSHNQISILDSEKAYLWSRVEKLHLSHNKLKEIPPEIGCLENLTSLDVSYNLELRS
FPNEMG KLSKIWDPLDELHLNDFDKHIGCKAKDIIRFLQQRLKKA VPYNRMKLMIVGNTGSGKTTLL
QQLMKTKKSDLGMQSATVGIDVKDWPIQIRDKRKRDV LNVWDFAGREEFYSTHPHFMTRALYLA
VYDLSKGQAEVDAMKPWLFNIKARASSPVILVGTHLDVSDEKQRKACMSKITKELLNKRGFPAIRD
YHFVN ATEESDALAKLRKTIINESLNFKIRDQLVVGQLIPDCYVELEKIILSERKNVPIEFVIDRKRLQ
LVRENQLQLDENELPHAVHFLNESGVLLHFQDPA LQLSDLYFVEPKWLCKIMAQILTVKVEGCPKHP**

KGIISRRDVEKFLSKKRKFPKNYMTQYFKLLEKFQIALPIGEEYLLVPSSLSDHRPVIELPHCENSE IIIR
LYEMPYFPMGFWSRLINRLLLEISPYMLSGRERARPNRMYWRQGIYLNWSPEAYCLVGSEVLDNHPE
SFLKITVPSCRKGCILLGQVVDHIDSLME EWFPGLLEIDICGEGETLLKKWALYSFNDGEEHQKILLDD
LMKKAEEGDLLVNPDPRLTIPISQIAPDLILADLPRNIMLNNDLEFEQAPEFLLGDGS FGSVYRAAY
EGEEVAVKIFNKHTSLRLLRQELVVLCHLHHPSSLISLLAAGIRPRMLVMELASKGSLDRLLQQDKASL
TRTLQHRIALHVADGLRYLHSAM IYRDLKPHNVLLFTLYPNAIIAKIADYGIAQYCCRMGIKTSEGTP
GFRAPEVARGNVIYNQQADVVSFGLLLYDILTTGGRIVEGLKFPNEFDELEIQ GKLPDPVKEYGCAPW
PMVEKLIKQCLKENPQERPTSAQVFDILNSAELVCLTRRILLPKNVIVECMVATHHNSRNASIWLGCG
HTDRGQLSFLDLNTEGY TSEEVADSRILCLALVHLPVEKESWIVSGTQSGTLLVINTEDGKKRHTLEK
MTDSVTCLYCNSFSKQSKQKNFLLVGTADGKLAIFEDKTVKLGGAAPLK ILNIGNVSTPLMCLSESTN
STERNVMWGGCGTKIFSFSNDFTIQKLIETRTSQLFSYAAFSDSNITVVVDTALYIAKQNSPVVEVWD
KKTEKLCGLIDC VHFLREVMVKENKESKHKMSYSGRVKTLCQKNTALWIGTGGGHILLDLSTRRLI
RVIYNFCNSVRVMMTAQLGSLKNVMLVLGYNRKNTTEGTQKQKEI
QSCLTVWDINLPHEVQNLEKHIEVRKELAEKMRRTSVE*

Antibiotic:
Amp

Comments:
All LRRK2 plasmids MUST be grown at 30°C or less to prevent recombination Compared to reference sequence this clone contains 3 silent changes at L953, G124 and K1637 and one at SNP S1647T.

Price per aliquot:
£110.00