



LRRK2

Expressed:

FLAG LRRK2 I1122V

Plasmid:

pCMV5 FLAG LRRK2 I1122V

Parent Plasmid:

pCMV5 FLAG1

DU Number:

DU13286

Genbank:

NM_198578.3

Species:

Human

Synonyms:

AURA17, DARDARIN, PARK8, RIPK7, ROCO2

Sequence of Insert:

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Amino Acid Sequence:

MDYKDDDDKGSMSAGSQCQCEEDEETLKKLIVRLNNVQEGKQIETLVQILEDLLVFTYSEHASKLFQ
GKNIHVPLLIVLDSYMRVASVQQVGVWSLLCKLI EVCPTGMQSLMGPQDVGNDWEVLGVHQLILKML
TVHNASVNLVIGLKTLDLLTSGKITLLILDEESDIFMLIFDAMHSFPANDEVQKLGCKALHVLFE RVS
EEQLTEFVENKDYMILLSALTNFKDEEEIVLHVLHCLHSLAIPCNNVEVLMSGNVRCYNIVVEAMKAFP
MSERIQEVSCLLHRLTLGNFFNILVLN EVHEFVVKAVQQYPENAALQISALSCLALLTETIFLNQDLE
EKNENQENDDEGEEDKLFWLEACYKALTWHRKNKHVQEAACWALNNLLMYQNSLHEKIG DEDGH
FPAHREVMLSMLMHSSSKEVFQASANALSTLLEQNVNFRKILLSKGIHLNVLELMQKHIHSPEVAESG
CKMLNHLFEFSNTSLDIMA AVVPKILT VMKRHETSLPVQLEALRAILHFIVPGMPEESREDTEFHKL
NMVKKQCFKNDIHKLVLAALNRFIGNPGIQKCGLKVISSIVHFPDALEMLSLEGAMDSV LHTLQMYPD
DQEIQLGLSLIGYLITKKNVFIGTGHLLAKILVSSLYRFKDVAEIQTGKFQILAILKLSASFSKLLVHHS
FDLVIFHQMSSNIMEQKDQ QFLNLCKCFKAVMDDYLKNVMLERACDQNNNSIMVECLLLLGDAN
QAKEGSSLICQVCEKESPPLVELLLNSGSREQDVRKALTISIGKGDSQIISL LLRRLALDVANNISCL

GGFCIGKVEPSWLGPLFPDKTSNLRKQTNIAS TLARMVIRYQMKS AVEEGTASGSDGNFSEDLVLSKF
DEWTFIPDSSMDSVFAQ SDDL DSEGSEGSFLVKKKSNSISVGEFYRDAVLQRCSPNLQRHSNSL GPI
FDHEDLLKRKRKILSSDDSLRSSKLQSHMRHSDSISSLASEREYITSLDL SANELRDIDALSQKCCISV
HLEHLEKLELHQNALTSFPQQLCETLKSLTHLDLHSNKFTSFPSYLLKMSCIANLDVSRNDIGPSVVL
DPTVKCPTLKQFN LSYNQLSFVPENLTDVVEKLEQLILEGNKISGVCSPLRLKELKILNLSKNHISLS
ENFLEACP KVESFSARMNFLAAMPFLPPSMTILKLSQNKFCIP EAILNPLHLRSLDMSSNDIQYLP G
PAHWKSLNLRRELLFSHNQISILDSEKAYLWSRVEKLHLSHNKLKEIPPEIGCLENLTSLDVSYNLELR
SFPNEMG KLSKIWDLPLDELHLNFDLFDKHIGCKAKDIIRFLQQRLLKAVPYNRMKLMIVGNTGSGK TTL
LQQLMKT KKS D LGMQSATV GIDVKDWPIQIRDKRKRDLV LNVWDFAGREEFYSTHPHFM TQRALYL
AVYDLSK GQAEVDAMKPWLFNIKARASSPVLVGT HLDVSD EKQRKACMSKITKELLNKRGFPAIR
DYHFVN ATEESDALAKLRKTIINESLNFKIRDQLVVGQLIPDCYVELEKIILSERKNVPIEFPVIDRKRL
QLVRENQLQDENELPHAVHFLNESGVLLHFQDPA LQLSDLYFVEPKWLCKIMAQILTVKVEGCPKH
PKGIISRRDVEKFLSKKRKFPKNYMTQYFKLLEKFQIALPIGEEYLLVPSSLS DHRPVIELPHCENSE III
RLYEMPYFPMGFWSRLINRLL EISPYMLSGRERALRPNRMYWRQGIYLNWSPEAYCLVGSEVLDNH
PESFLKITVPCRKGCILLGQVVDHIDSLME EWFPGLLEIDICGEGETLLKKWALYSFNDGEEHQKILL
DDL M KKAEEGDLLVNPDPRLTIPI S QIAPDLILADLPRNIMLN NDELEFEQAPEFLLGDGS FGSVYRA
AYEGEEVAVKIFNKHTSLRLLRQELVVLCHLHHP SLISLLAAGIRPRMLVMELASKGSLDRLLQQDKA
SLTRTLQHRIALHVADGLRYLHSAM IYRDLKPHNVLLFTLYPNA AIIAKIADYGIAQYCCRMGIKTSEG
TPGFRAPEVARGNVIYNQQADV SFGLLYDILT TGGRIVEGLKFPNEFDELEIQ GKLPDPVKEYGCA
PWPMVEKLIKQCLKENPQERPTS AQVFDILNSAELVCLTRRILLPKNVIVECMVATHHNSRNASIWL G
CGHTDRGQLSFLDLNTEGY TSEEVADSRILCLALVHLPVEKESWIVSGTQSGTLLVINTEDGKKRHTL
EKMTDSVTCLYCNSFSKQSKQKNFLLVGTADGKLAIFEDKTVKLGGAAPLK ILNIGNVSTPLMCLSES
TNSTERNVMWGGCGTKIFSFSNDFTIQKLIETRTSQLFSYAAFSDSNIITVVVDTALYIAKQNSPVVEVW
DKKTEKLCGLIDC VHFLREVMVKENKESKHKMSYSGRVKTLCLQKNTALWIGTGGGHILLDLSTRR
LIRVIYNFCNSVRVMMTAQLGSLKNVMLVLGYNRKNTEGTQKQKEI
QSCLTVWDINLPHEVQNLEKHIEVRKELAEKMRRTSVE*

Antibiotic:

Amp

Comments:

All LRRK2 plasmids MUST be grown at 30°C or less to prevent recombination. Compared to reference sequence there are 3 silent changes at L953 (t2857c), G1624 (c4872a), K1637 (a4911g) and one SNP at S1647T (t4939a).

Price per aliquot:

£110.00