

Product datasheet for **RG212939**

LRRN4CL (NM_203422) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: LRRN4CL (NM_203422) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: LRRN4CL
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG212939 representing NM_203422
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GGCGCGCCC**

ATGCTGGGCTCTCCCTGCCTTCTGTGGCTCCTGGCCGTGACCTTCTTGGTTCCCAGAGCTCAGCCCTTGG
CCCCTCAAGACTTTGAAGAAGAGGAGGCAGATGAGACTGAGACGGCGTGGCCGCCTTGGCCGGCTGTCCC
CTGCGACTACGACCACTGCCGACACCTGCAGGTGCCCTGCAAGGAGCTACAGAGGGTCGGGCCGGCGGCC
TGCTGTGCCCCAGGACTCTCCAGCCCCGCCAGCCGCCGCGCATGGGAGAAGTGCGCATTG
CGGCCGAAGAGGGCCGCGCAGTGGTCCACTGGTGTGCCCTTCTCCCGGTCTCCACTACTGGCTGCT
GCTTTGGGACGGCAGCGAGGCTGCGCAGAAGGGGCCCCCGCTGAACGCTACGGTCCGACAGCCGAACCTG
AAGGGGTGAAGCCAGGGGGCATTATGTCTTTGCGTAGTGGCCGCTAACGAGGCCGGGCAAGCCGCG
TGCCCCAGGCTGGAGGAGAGGGCCTCGAGGGGGCCGACATCCCTGCCTTCGGGCCTTGACGCCGCCTTGC
GGTGCCGCCCAACCCCGCACTCTGGTCCACGCGGCCGTGGGGTGGGCACGGCCCTGGCCCTGCTAAGC
TGTGCCGCCCTGGTGTGGCACTTCTGCTGCGCGATCGCTGGGGTGGCCGCGCCAGCCGCCGCCGAG
CCGACAGGGGCGCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG212939 representing NM_203422
Red=Cloning site **Green**=Tags(s)

MLGSPCLLWLLAVTFLVPRAQPLAPQDFEEEEADETETAWPPLPAVPCDYDHCRLQVPCKELQRVGPAA
CLCPGLSSPAQPPDPPRMGEVRIAAEEGRAVVHWCAPFSPVLHYWLLWLDGSEAAQKGPPLNATVRRAL
KGLKPGGIYVVCVVAANEAGASRPQAGGEGLEGADIPAFGPCSRLAVPPNPRTLVAHVGVGTALALLS
CAALVWHFCLDRWGCPRRAAARAAGAL

TRTRPLE - GFP Tag - V



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Restriction Sites: AscI-MluI

Cloning Scheme:



ACCN: NM_203422

ORF Size: 714 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_203422.4](#)

RefSeq Size: 2429 bp

RefSeq ORF: 717 bp

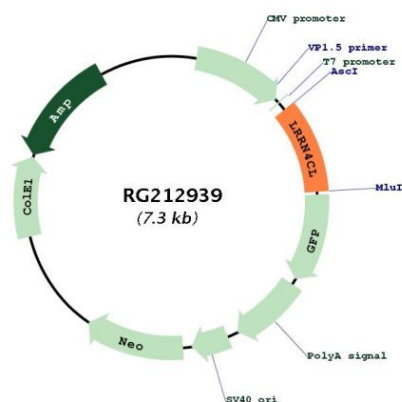
Locus ID: 221091

UniProt ID: [Q8ND94](#)

Cytogenetics: 11q12.3

Protein Families: Transmembrane

Product images:



Circular map for RG212939