

Product datasheet for **SC319604**

LRRN4 (NM_152611) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRN4 (NM_152611) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRN4
Synonyms:	C20orf75; dj1056H1.1; NLRR-4; NLRR4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_152611.2
 GAGCAATGGGAAAGACTGGAGTATCTCAGTCCCTCTCAGTGGATGGGGTGTGGGAGAG
 AGGCAGCTGGGAGACAGGCCTCCCTCTGGAGTTCATAGCTGAGTTGCTGTCCAAATCAGT
 GGTCCCTAGAATCTATAAAACAAAACACTGAGAACTTCCAGAGGTGCATCCAGAGAAGCCACA
 CTCAAAAGGACCACTTCCAGACGCCATGCGGCAAACCTACCGCTGTGCTGCTGACGG
 TGCTGCGCCCCAGCTGGGCAGACCCTCCCAGGAGAAGGTCCCCTCTTCCGGGCTACTC
 AGCAGGGCCCCCTGGGGAGCAGTGGCAGCAACGCCACCGACTCGCCCTGCGAGGGGCTGC
 CCGCCGCGGATGCGACGGCCTTGACCCTGGCGAACCGCAACCTGGAGCGCCTGCCCGCT
 GCCTACCGCGCACACTGCGCAGCCTCGACGCCAGCCACAACCTGCTGCGCGCCCTGAGCA
 CTTCCGAGCTCGGCCACCTGGAGCAGCTGCAGGTGCTGACCCTGCGCCACAACCGCATCG
 CCGCGCTGCGCTGGGGCCCGGTGGCCGGCGGGGCTGCACACCCTGGACCTCAGCTACA
 ACCAGCTGGCCGCTCTGCTGCCGTGCACCGGGCCCGCTGAGCAGCCTCCGCGCCCTGG
 CGCTCGCCGGGAATCCGCTGCGGGCGTGCAGCCCCGGGCCTTCGCTGCTTCCCCGCGC
 TGCAACTCCTCAACCTCTCCTGCACCGCTGGTTCGCGGAGCCAGGGGGGCATCGCCG
 AGGCGGGCTTCGCTGGAGAGGATGGCGGCCCTGGTTCAGCTCGAAGTCTGGATCTCA
 GCGGCACGTTCTTGAACGGGTTGAGTCAGGGTGGATCAGAGACCTGCCGAAGCTCACAT
 CCCTCTACCTGAGGAAGATGCCTCGGCTGACGACCCTGGAGGGGGACATTTTCAAGATGA
 CCCCCAACCTGCAGCAGCTGGACTGTCAGGACTCCCCAGCACTTCTTCTGTGCGCCACAC
 ACATCTTTCAAGATACTCCACATCTACAGGTCCTTCTGTTCCAGAAGTCAACTTGAGTT
 CCTTCCCTCCTTGGACCTGGATTCTCCAGGTCCTATCGATCAACCTCTTTGGCAACC
 CCCTCACTTGCAGTTGTGACTTGTCTTGGCTCCTCACGGATGCAAAGAGAAGTGTCTAA
 GCAGGGCAGCAGACACTATGTCGCGCCAGTGCAGGATCCAGCGGCCCTTCTCAGCCT
 CCCTGTCACTCTCCAGCTGCCCGGAGTGTGCCAGTCCGACCAAAGCACCCTCTCGGGG
 CTTTACACCCACCTTGTTCACCGCTCCACCTACGCACAGGGTACCACGTCGCGCCCA
 GCGCAGCCCCCGCACCCGGCCTGCGGGAGACCAGCAGAGTGTCTCAAGGCCCTAACG
 TGGGCTCTCGCACGATAGCTGCATGGCCGCACAGCGATGCACGGGAGGGGACTGCCCCCT
 CCACGACCAACTCTGTAGCAGGTACAGCAACTCCAGCGTTTTTCCCAGGGCTGCCAGCA
 CCACCAGGACCCAGCACCAGGAGAACATGCCCCGAGCTTGTCTTGTGAGCTGATATCT
 CAGCTGCCTCCACCCACTGGCCAGCAAGCTCCTGGGCCCTTCCCTACCTCGTGGGACC
 GCAGCATAAGCTGCCTCAGCCCGCCAGAGGACACACGCCACACCCCAAGCCCCAACCC
 CGAGTCTTCCGAGGGCGAGATTCCAGTCTTGTGCTGGACGACTACAGTGAAGGAGGAGG
 AAGGGAGGAAGGAGGAGGTGGGAACGCCTCACCAGGACGTCCCCTGTGATTACCATCCCT
 GCAAGCACCTGCAGACCCCGTGCAGGAGCTGCAGAGGCGGTGGCGGTGCCGGTGCCTCC
 GCCTCAGCGGGGAAGACACCATCCCAGACCCCGCCAGGCTGCAGGGGGTACGGAGACCA
 CGGACACGTCGCGCTGGTCCACTGGTGTGCCCAACTCGGTAGTGCATGGGTACCAGA
 TCCGCTACTCTGCGGAGGGCTGGGCGGGGAACAGTCCGTTGGTGGGGTGCATCTACGCCA
 CGGCCCCGAGCACCTCTGTACGGGCTGTGCGCGGGCACCACCTACCGCGTGTGCGTGC
 TGGCGGCAACAGGGCGGGCTTGTAGCCAGCCAGGCTTTCGGGCTGGAGGAGCCCGTGGC
 CGCCTTACACCAAGCCAGCTTTCGCGCTCCTGCTCTTGGGCTGTGCGCCGCGCAGCG
 GCCTGTTGCTCGCCAGCACCGTGGTGTGTCGCGCATGTCTGACAGGCGGGGCCAGACGC
 TGGGCTGCAGCGCTGCGACACGCACTGGTGGCCTACAAAAACCCGGCCTTTGATGATT
 ACCCGCTGGGGTCCAGACCGTCAAGTTCAGCCAGCTTCTGGGATAACGCGTCTCATCGAA
 CTGGATCTGAGCGCAAAAAGGAAGACACAGACGGTCAAAAACGACCCCATCCGCTCCTAG
 GGTCTTCAATTCCCGTGAAGCCAGAATGCCTTGTAGCACACATGGAAGTTCACCACTGAG
 TGTCTGGGTCCAAGGAAGTGTGCCCTCCCTTCTTCTACTTAACTCTGTCCCAGAAAC
 CTGATGGTCAATGCCAGATCGCTCCCCTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAA

Restriction Sites: Please inquire

ACCN: NM_152611

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none"> 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:	<u>NM_152611.2</u> , <u>NP_689824.1</u>
RefSeq Size:	2722 bp
RefSeq ORF:	2223 bp
Locus ID:	164312
UniProt ID:	<u>Q8WUT4</u>
Cytogenetics:	20p12.3
Protein Families:	Transmembrane
Gene Summary:	May play an important role in hippocampus-dependent long-lasting memory. [UniProtKB/Swiss-Prot Function]