OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC200359

IL1RAPL1 (NM_014271) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	IL1RAPL1 (NM_014271) Human 3' UTR Clone
Symbol:	IL1RAPL1
Synonyms:	IL-1-RAPL-1; IL-1RAPL-1; IL1R8; IL1RAPL; IL1RAPL-1; MRX10; MRX21; MRX34; OPHN4; TIGIRR-2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014271
Insert Size:	928 bp
Insert Sequence:	>SC200359 3'UTR clone of NM_014271 The sequence shown below is from the reference sequence of NM_014271. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAGACCAGTATATCCAGTGTGATATGGTGACAGAAAAGCAAGGGACATCCCGTCCCTGGGAGGTTGAGT GGAATCTGCAGTCCAGTGCCTGGAACTAAATCCTCGACTGCTGCTGTTAAAAAACATGCATTAGAATCT CTAGAACACGAGGAAAAACAGGGTCTTGTACATATGTTTTTTGGAATTTCTTTGTAGCATCAGTGTCCT CCTGTTTTACCATGTCTTTTACCATTACATTTTTTGACTTTGTTTTATATGTCGTTGGAATTTGTAAAT TTACATTTTTTTTAAAGAAGAGACTGATGTGTAGATAGAAAACCCTTTTTTTGCTTCATTAGTTTAGTT TTAGAATGGGTTTTTATTTTATTTCCTTTTTTAAAATTTTACTTTGCTTTTAACATTTCCTTGGGGTGC TTGGACAAATCTATCCGATGGGACAAGGAGCACCGGATTCTTTCTCGGGTTCTGCCTAGCATCAACTGG GCCACGTCGGCCTTCAGAGAACAGTGCAACAAATGCCAGCATTGCCATTCGGGGGAAAAAAAAAAAAAA AAAAAAAAGATGAGAAGAACACTTGTTCATAGGAGGGCCCCACCAGTCAGAGCCCTGAATCTCTTCCTT GTCCCACCTCATTCCCCACCTCTACCTTTCTAATGGCGGCATGATGTGTAAACTCTGTGCAGGGGTGGG GGCGGGTCTAACTGTCTTAACATTCAAGTCACTGCTCTTCAGAATACACTCTAGACCCAAAGGTGTGCT AATCACTTCACAGTGACCACTACAGAGTACTAAGAAGAGAAGATCAAGGGCATGAAATTGGGGAAGAGT GTTATTTCCGTTTTTTAAATGAGTTGATGTACCCTTATATATATATACATATATATATAAATATAAATA TATATAAAAACAACAAAACAAAACAAAAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI

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OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: NM_014271.4

Summary: The protein encoded by this gene is a member of the interleukin 1 receptor family and is similar to the interleukin 1 accessory proteins. This protein has an N-terminal signal peptide, three extracellular immunoglobulin Ig-like domains, a transmembrane domain, an intracellular Toll/IL-1R domain, and a long C-terminal tail which interacts with multiple signalling molecules. This gene is located at a region on chromosome X that is associated with a non-syndromic form of X-linked intellectual disability. Deletions and mutations in this gene were found in patients with intellectual disability. This gene is expressed at a high level in post-natal brain structures involved in the hippocampal memory system, which suggests a specialized role in the physiological processes underlying memory and learning abilities, and plays a role in synapse formation and stabilization. [provided by RefSeq, Jul 2017]

Locus ID: 11141

MW: 35.7