

Product datasheet for SC123475

C1orf190 (BC034422) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf190 (BC034422) Human Untagged Clone
Tag: Tag Free
Symbol: C1orf190
Synonyms: chromosome 1 open reading frame 190; FLJ25163
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC034422 edited
 CTCCGCTTTAGCAGCGGCGAAGGGAGGACCCCGGGAGCCGGTCCCGGGCGTCCGGTCCG
 CCAGCCCTTTTCAGGCTTGGGCCGCATGGAGGGGACCGTGGAGTCCCAGACGCCTGACC
 TGCGGGATGTGGAGGTAAGGTGGGCAGGAAGACCCCTGAAGGGCTGCTCCGCGGCTGC
 GAGGCGAGTGTGAGCTGGGAACCTCTGGCGCCCTGCTGCTCCCAGGGGCGTCTAGCACCG
 GCCACGACTTGGGGGACAAGATCATGGCGCTGAAGATGGAGCTGGCTTACCTGCGAGCCA
 TCGATGTGAAGATCCTGCAGCAGCTGGTGACCTTGAATGAGGGCATCGAGGCAGTGCCT
 GGCTGTTGGAGGAGCGGGGACGTTGACCAGTCATTGCAGCAGCCTCACCAGCAGTCAAT
 ATAGCCTGACAGGCGGGAGCCCAGGCCGCTCAAGGCGAGGCAGCTGGGACAGCCTGCCAG
 ACACCAGCACCACCGACCGGCTGGACAGTGTCTCTATTGGCAGCTTCTGGACACAGTGG
 CCCCAGCGAGCTGGATGAACAGGGCCACCTGGGGCTCCACGTTCCGAGATGGACTGGG
 CAAAAGTTATAGCTGGTGGAGAGAGGGCCAGGACTGAGGTGGATGTGGCAGCCACCAGGC
 TAGGGAGCTTGAGAGCTGTGTGGAAGCCCCAGGGGAGAGGCTTCAAGGTGGACCACCTG
 AGTCACCAGAGGATGAGAGTGCCAAGCTGGGCTTCGAGGCCCACTGGTTCTGGGAGCAGT
 GCCAGGATGATGTGACCTTCTTGTAACTAATTCACCCCTTTTGTAACTCCTGTGGCTCT
 TTTATCCATTAGATGTGGTCTCCCCAAAATTGATTCTCCCTCAGTCTGAGACTAGGAAG
 AGGCTGCACTGAAATCAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC034422 unedited CGTCANAATTTGTATACGACTCATATAGGGCGGCCGCGATTCCCAGGATCTCCGCTTTAG CAGCGCGAAGGGAGGACCCCGGGAGCCGGTCCCCGGCGTCCGGTCGCCAGCCCTTTT CAGGCTTGGGCCCGCATGGAGGGGACCGTGGAGTCCCAGACGCCCTGACCTGCGGGATGTG GAGGGTAAGGTGGGCAGGAAGACCCCTGAAGGGCTGCTCCGCGGGCTGCGAGGCGAGTGT GAGCTGGGAACCTCTGGCGCCCTGCTGCTCCCAGGGCGTCTAGCACCGGCCACGACTTG GGGGACAAGATCATGGCGCTGAAGATGGAGCTGGCTTACCTGCGAGCCATCGATGTGAAG ATCCTGACGACGCTGGTACCTTGAATGAGGGCATCGAGGCAGTGCCTGGCTGTTGGAG GAGCGGGGACGTTGACCAGTCATTGCAGCAGCCTCACCAGCAGTCAATATAGCCTGACA GGCGGGAGCCAGGCCGCTCAAGGCGAGGCAGCTGGGACAGCCTGCCAGACACCAGCACC ACCGACCGGCTGGACAGTGTCTCTATTGGCAGCTTCTGGACACAGTGGCCCCAGCGAG CTGGATGAACAGGGCCACCTGGGGCTCCACGTTCCGAGATGGACTGGGCAAAAGTTATA GCTGGTGGAGAGAGGGCCAGGACTGAGGTGGATGTGGCAGCCACCAGGCTAGGGAGCTTG AGAGCTGTGTGGAAGCCCCAGGGGAGAGGCTTCAAAGTGGACCACCTGAGTACCAGAA GATGAGAGTGCCAAGCTGGGCTTCGAGGCCACTGGTTCTGGGAGCAGTGCCAGGATGAT GTGACCCTCTTTGTAACAATATCCACCCTTTTGTATCCTGTGGCTCTTTATCATTAG ATGTGGTCTCCCCAAAATGC
Restriction Sites:	Please inquire
ACCN:	BC034422
Insert Size:	960 bp
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).
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:	BC034422.1 , AAH34422.1
RefSeq Size:	960 bp
Locus ID:	541468
Cytogenetics:	1p34.1

Gene Summary:

Acts as an activator of the canonical NF-kappa-B pathway and drive the production of proinflammatory cytokines. Promotes the antigen (Ag)-presenting and priming function of dendritic cells via the canonical NF-kappa-B pathway (PubMed:21048106). In concert with MYO18A and CDC42BPA/CDC42BPB, is involved in modulating lamellar actomyosin retrograde flow that is crucial to cell protrusion and migration. Activates CDC42BPA/CDC42BPB and targets it to actomyosin through its interaction with MYO18A, leading to MYL9/MLC2 phosphorylation and MYH9/MYH10-dependent actomyosin assembly in the lamella (By similarity).[UniProtKB/Swiss-Prot Function]