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Product datasheet for SC337180

FIGNL1 (NM_001287495) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: FIGNL1 (NM_001287495) Human Untagged Clone

Tag: Tag Free

Symbol: FIGNL1

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF:

>SC337180 representing NM_001287495.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGCAGACCTCCAGCTCTAGATCTGTGCACCTGAGTGAATGGCAGAAGAATTACTTCGCAATTACATCT
GGCATATGTACCGGACCGAAGGCAGATGCATACCGTGCACAGATATTACGCATTCAGTATGCATGGGCA
AACTCTGAGATTTCCCAGGTCTGTGCTACCAAACTGTTCAAAAAATATGCAGAGAAATATTCTGCAATT
ATTGATTCTGACAATGTTGAATCTGGGTTGAATAATTATGCAGAAAACATTTTAACTTTGGCAGGATCT
CAACAAACAGATAGTGACAAGTGGCAGTCTGGATTGTCAATAAATAATGTTTTCAAAATGAGTAGTGTA
CAGAAGATGATGCAAGCTGGCAAAAAATTCAAAGACTCTCTGTTGGAACCTGCTCTTGCATCAGTGGTA
ATCCATAAGGAGGCCACTGTCTTTGATCTTCCTAAATTTAGTGTTTGTGGTAGTTCTCAAGAGAGTGAC
TCATTACCTAACTCAGCTCATGATCGAGACCGGACCCAAGACTTCCCGGAGAGCAATCGTTTGAAACTC
CTTCAGAATGCCCAGCCACCTATGGTGACTAACACTGCTAGGACTTGTCCTACATTCTCAGCACCTGTA
GGTGAGTCAGCTACTGCAAAATTCCATGTCACACCATTGTTTGGAAATGTCAAAAAGGAAAATCACAGC
TCTGCAAAAGAAAACATAGGACTTAATGTGTTCTTATCTAACCAGTCTTGTTTTCCTGCTGCCTGTGAA
AATCCACAGAGGAAGTCTTTTTATGGTTCTGGCACCATTGATGCACTTTCCAATCCAATACTGAATAAG
GCTTGTAGTAAAACAGAAGATAATGGCCCAAAGGAGGATAGCAGCCTGCCTACATTTAAAACTGCAAAA
GAACAATTATGGGTAGATCAGCAAAAAAAGTACCACCAACCTCAGCGTGCATCAGGGTCTTCATATGGT
GGTGTAAAAAAGTCTCTAGGAGCTAGTAGATCCCGAGGGATACTTGGAAAGTTTGTTCCTCCTATACCC
AAGCAAGATGGGGGAGAGCAGAATGGAGGAATGCAATGTAAGCCTTATGGGGCAGGACCTACAGAACCA
GCACATCCAGTTGATGAGCGTCTGAAGAACTTGGAGCCAAAGATGATTGAACTTATTATGAATGAGATT
ATGGATCATGGACCTCCAGTAAATTGGGAAGATATTGCAGGAGTAGAATTTGCTAAAGCCACCATAAAG
GAAATAGTTGTGTGGCCCATGTTGAGGCCAGACATCTTTACTGGTTTAAGGGGACCCCCTAAAGGAATT
TTGCTCTTTGGTCCTCCTGGGACTGGTAAAACTCTAATTGGCAAGTGCATTGCTAGTCAGTCTGGGGCA
ACATTCTTTAGCATCTCTGCTTCATCCTTAACTTCTAAATGGGTAGGTGAGGGGGAGAAAATGGTCCGT
GCATTGTTTGCTGTTGCAAGGTGTCAGCAACCAGCTGTGATATTTATTGACGAAATTGATTCCTTGTTA
TCTCAACGGGGAGATGGTGAGCATGAATCTTCTAGAAGGATAAAAACAGAATTTTTAGTTCAATTAGAT
GGAGCAACAACATCTTCTGAAGATCGTATCCTAGTGGTGGGAGCAACAAATCGGCCACAAGAAATTGAT
GAGGCTGCCCGGAGAAGATTGGTGAAAAGGCTTTATATTCCCCTCCCAGAAGCTTCAGCCAGGAAACAG
ATAGTAATTAATCTAATGTCCAAAGAGCAGTGTTGCCTCAGTGAAGAAGAAATTGAACAGATTGTACAG
CAGTCTGATGCGTTTTCAGGAGCAGACATGACACAGCTTTGCAGGGAGGCTTCTCTTGGTCCTATTCGC
AGTTTACAAACTGCTGACATTGCTACCATAACACCGGATCAAGTTCGACCCATAGCTTACATTGATTTT
GAAAATGCTTTTAGAACTGTGCGACCTAGTGTTTCTCCAAAAGATTTAGAGCTTTATGAAAACTGGAAC
AAAACTTTTGGTTGTGGAAAGTAA

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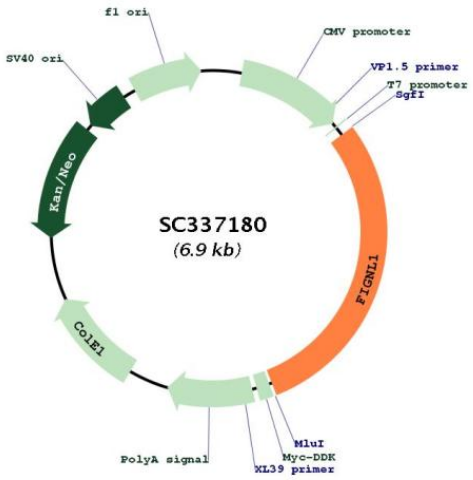
Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001287495

Insert Size: 2025 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:
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_001287495.1

RefSeq Size: 3277 bp

RefSeq ORF: 2025 bp

Locus ID: 63979

UniProt ID: Q6PIW4

Cytogenetics: 7p12.2

MW: 74.1 kDa

Gene Summary: This gene encodes a member of the AAA ATPase family of proteins. The encoded protein is recruited to sites of DNA damage where it plays a role in DNA double-strand break repair via homologous recombination. This protein has also been shown to localize to the centrosome and inhibit ciliogenesis, and may regulate the proliferation and differentiation of osteoblasts. [provided by RefSeq, Oct 2016]
Transcript Variant: This variant (6) differs in the 5' UTR compared to variant 3. Variants 1-6 and 10-15 encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.