

## Product datasheet for **SC337177**

### **FIGNL1 (NM\_001287492) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** FIGNL1 (NM\_001287492) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** FIGNL1  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC337177 representing NM\_001287492.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

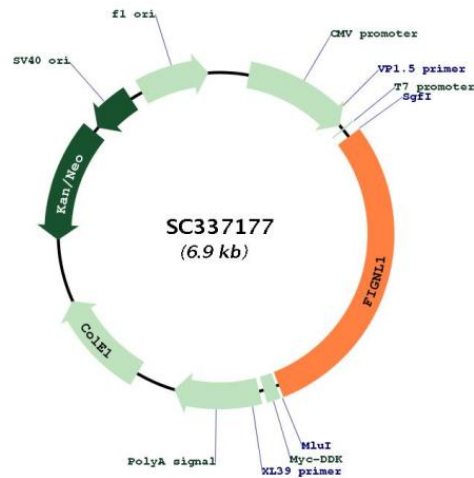
```
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```



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Restriction Sites: Sgfl-MluI

Plasmid Map:



ACCN: NM\_001287492

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\\_001287492.1](#)

RefSeq Size: 3992 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 (3) encodes the longer isoform (1). 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.