# Product datasheet for SC316861

## FNIP2 (NM_020840) Human Untagged Clone

### Product data:

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Expression Plasmids</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>FNIP2 (NM_020840) Human Untagged Clone</td>
</tr>
<tr>
<td>Tag</td>
<td>Tag Free</td>
</tr>
<tr>
<td>Symbol</td>
<td>FNIP2</td>
</tr>
<tr>
<td>Synonyms</td>
<td>FNIPL; MAPO1</td>
</tr>
<tr>
<td>Vector</td>
<td>pCMV6-Entry (PS100001)</td>
</tr>
<tr>
<td>E. coli Selection</td>
<td>Kanamycin (25 ug/mL)</td>
</tr>
<tr>
<td>Cell Selection</td>
<td>Neomycin</td>
</tr>
<tr>
<td>Fully Sequenced ORF</td>
<td>&gt;NCBI ORF sequence for NM_020840, the custom clone sequence may differ by one or more nucleotides</td>
</tr>
</tbody>
</table>

```
ATG6CCCCGACCCTGCTCCAGAAGCTTTCAACAAAAAGGGCAGCAGCGCCCGCGGGCTCTG
CCACGGGCAAGGTCCCTCAAGAAGAGACCCGCCCTTTAGTGGATGTGGTCTGGAGTTTGAATCTGAATG
TCGCCGTAGATTTCAACAGACTGTTGACAGGAGAGCAGAACAGTCTTTGAATCTAAAGCTGGTCAA
AAGATTAGGAGGGAGCAAGCTAGGAAACAAAGAAGATTGAGCTCTTCCTATTAAAAATCAGCAGAGTGGCAGG
GAAGACAGCGTCTAGCAAGACTGACAGGACACGACATCTCTCTATCCTCCACAGTCTCTTGGGGAAGCTCTC
TCAGCTGACTATGAAAAGCTGAAAGATCAGTTCTTCTGCTGAAGATATGGGAGATCAGATATACGTCTCA
CAGCATCTGACTGAAAGATGTTCTTCTGCTGAAGATATGGGAGATCAGATATACGTCTCA
```

©2020 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US
Phone: +1-888-267-4436
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2020 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US
Restriction Sites: SgfI-MluI
ACCN: NM_020840

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.

RefSeq: NM_020840.2, NP_065891.1
RefSeq Size: 7085 bp
RefSeq ORF: 3345 bp
Locus ID: 57600
Cytogenetics: 4q32.1
Gene Summary: This gene encodes a protein that binds to the tumor suppressor folliculin and to AMP-activated protein kinase (AMPK), and may play a role in cellular metabolism and nutrient sensing by regulating the AMPK-mechanistic target of rapamycin signaling pathway. The encoded protein may also be involved in regulating the O6-methylguanine-induced apoptosis signaling pathway. This gene has a closely related paralog that encodes a protein with similar binding activities. Both related proteins also associate with the molecular chaperone heat shock protein-90 (Hsp90) and negatively regulate its ATPase activity and facilitate its association with folliculin. [provided by RefSeq, Jul 2017]

Transcript Variant: This variant (1) encodes the longest isoform (1).