

## Product datasheet for **SC316579**

### **FHIP1B (NM\_001098794) Human Untagged Clone**

#### **Product data:**

|               |                                            |
|---------------|--------------------------------------------|
| Product Type: | Expression Plasmids                        |
| Product Name: | FHIP1B (NM_001098794) Human Untagged Clone |
| Tag:          | Tag Free                                   |
| Symbol:       | FHIP1B                                     |
| Synonyms:     | C11orf56; FAM160A2; FHIP                   |
| Vector:       | <u>pCMV6 series</u>                        |



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001098794, the custom clone sequence may differ by one or more nucleotides

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ATGGAGAGGATGAATTGGCTGAGCAGACTGGCCTCCCGGGGCCCTGGGCACCGTATACCT
CAAGGGGGCAATCTCCAAACCCAGTCATGGCTGATCCCGAGACCTGCCTCATGGTCTTC
AAGAATCACTGGTCCCAGGTGGTGCGAATCCTGGAGCGGCAAGGCCCTCGGGCAGCTCCT
GGGGGTGCAGACGATCTCAGTGCTGTGCGCAACCACACTTACCAGATGTTGACACTGCTG
GCAGAGGACCGTGCAAGTCCCTCGGCCCCACAGGCCCTGGGCCCTGCTGGAGTTTGCT
CTGCACGAGGATCTGCTGACCCGTGTGTTGACATGGCAGCTGCAATGGGATGAGCTTGGG
GATGGGGTTCGAGGAACGGCGGGCTGAGCAACTGAACTATTTGAAATGCTAGTGAGCGAA
GCTCGCCAGCCACTGTTGCGGCATGGTCCAGTTCGTGAGGCTCTGCTCACCCCTGTGGAT
GCCTGTGGCCGCCCTGTGCCAGTAGCCAGCACTGGATGAAGGCTTGGTGCTACTTCTC
AGCCAGCTGTGTGTTGTGTGGCCAGGAGCCTTCATTGCTCGAGTTCTTCTGCAGCCA
CCTCTGAGCCTGGAGCCGCTCCCGTCTTCTTCTTTTTCTCGCCTTGTCCCTTTGTG
CATCGAGAGGGCACCCCTGGGCCAGCAGGCCGTGATGCCCTACTTCTTCTCATGGCTTTG
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CTGGCCACAGGGCTCAGTGCCCTGTAATCACTGCCTCGAAAGATTGAGGTTCCAGGG
GATGATTGGCACTGTCTGCGACGGGAAGACTGGCTGGGAGTGCCAGCCCTTGCACTCTTC
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GTCTCTGAGTCTCTTCAGGACCTCCTGAACCTCAGCTGTGAGGATGCTCTGCTGCAG
CTGGTTTCTCAGGTATCTTGTTCATGTAACACGTTATGCTGAGCCAGAAGCCGGCTGTT
CGTGATGTGGACCTATATGGACGAGCAGCTGACAAGTTTCTCTCCCTAATCCACGCTGT
TGTGGGACACGCCCCAGCCACCTCGTCCAGAGCATGCCTCATGGGCACGAGGTCT
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CGTCTGGCTCTTCTGCGGCAGCAGAGCCTGGGTGGCTCTGAGTCTCCAGGCCAGCC
CCTTGCTCACCAGGGCTTTCTGCATCCCCGCTCCAGCCCTGGCCGACGGCCTACCCCT
GCAGAGGAGCCTGGAGAGCTGGAAGACAATTACCTGGAGTATCTGCGTGAGGCACGTCGT
GGTGTGGACCGCTGTGTCCGAGCCTGCCGTACCTGGTCTGCCCCCTATGATGGCGAGCGG
CCCTCTCCTGAGCCAGTCCTTTGGCTCCCGACTAAGAAACGCAGCCTACTGCCTGAG
GAGGACAGGAACAACGTGGGGGAAGGGGAGGAGGAAGAGCTGGGGAGGAGGGGGGGGCT
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TCATGGCTGAGGGGGCAAGAAGGTTCTGTGGTGCCAAAGGAGGAGCTGGGGAAGT
CTAGAGGGCATCTCCGAGGGCATGGCAGGACTAGAGGGCTTTGGGCAGGAGCTCCGGGAG
CTAGAGGTGGCATTGAGCAATGGGGGAAGTGGCTCAGAGTCCCCCTTAGAACCTCCACTG
CCCCCTGAGGAGGAGGAGCCTACGAGAGCTTACCTGTCCCCCTGAGCCCCCTGGCCCC
TTCTCAGCAGCCCTTTGCGGACTCTCAACCAGCTGCCAAGCCAGCCCTTCACTGGCCCC
TTCATGGCTGTGCTCTTTGCCAAACTCGAGAACATGCTGCAGAACTCCGTCTATGTCAAC
TTCTGTGACGGGGCTGGTGGCCAGCTGGCCTGTACCCCCAGCCCTGCTCCGCTCT
TTCTGTCAACACCAACATGGTCTTCCAGCCAGTGTCAAGTCCCTGCTGCAGGTGCTG
GGCTCTGTGAAGAATAAGATTGAGAAGTTTGGCGTTCCAGGAGGACTTCCAGCACTG
CTGTCCAAAGCCAAGAAGTACCTCATTGCCCGTGGCAAGTTGACTGGGCTGAGGGCCCT
GCAGCAGGACCTGCCCCACGCCGTTCTGATCCCCTAGTGAAGAGCCGAGGCCATCCTTG
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TCAACTCCAGTTTACTACCCGGGGCGGGGCCCTGAACGCCAAGGTGAGGCTCTTCGA
GTCAAGAATGCTGTCTACTGTGCAATTTTCCCTGAATTTCTCAAGGAGTTGGCTGCC
ATCTCCAGGCTCATGCCGTACCTCGCCTTTCTTGTGGAGACTTCAGAGGAAGGATCT
GGCCCTCTCATCTCAGGCTGTGGGCCCTCAATCCT

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| <b>Restriction Sites:</b>     | Please inquire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ACCN:</b>                  | NM_001098794                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>OTI Disclaimer:</b>        | 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).                                                                                                                                                                          |
| <b>OTI Annotation:</b>        | 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.                                                                                                                                                                                                                                                      |
| <b>Components:</b>            | 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).                                                                                                                                                                                                                                                                                                                                    |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol> |
| <b>RefSeq:</b>                | <u>NM_001098794.1, NP_001092264.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>           | 3465 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 2919 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 84067                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <u>Q8N612</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 11p15.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Summary:</b>          | <p>The protein encoded by this gene is part of the FTS/Hook/FHIP (FHF) complex, which can interact with members of the homotypic vesicular protein sorting (HOPS) complex. This interaction suggests that the encoded protein is involved in vesicle trafficking. [provided by RefSeq, Dec 2016]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the mid-coding region, compared to variant 1, resulting in a shorter protein (isoform 2).</p>                                    |