

## Product datasheet for **SC315704**

### UNC119B (NM\_001080533) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** UNC119B (NM\_001080533) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** UNC119B  
**Synonyms:** POC7B  
**Mammalian Cell Selection:** None  
**Vector:** [pCMV6-XL6](#)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_001080533 edited  
ATGAGCGGGTCTAACCCGAAGGCTGCGGCCGCGCGTGGCCGGCTGGCCCGGGGGCTG  
GTGGCTGGCAAGGAGGAGAAGAAGAAGGCGGGCGGGCGTCTGAACCGCCTGAAGGCG  
CGGCGGCAGGCGCCACACGCGGCCGACGCGGTGCGGGCAGCGGTACGGAGCAG  
GAGCTGCTGGCGCTGGACACCATCCGGCCGAGCAGTCTGCGCCTCAGCCGGTCAAC  
GAGAATTATTTATGTAACCCGAAGACAACATCTACAGTATTGATTTACCCGCTTCAA  
ATTCGAGATTTGGAGACAGGACAGTACTTTTTGAGATTGCCAAACCTTGCCTTTCAGAC  
CAGGAGGAGGATGAGGAGGAGGGAGGTGGAGACGTGGACATCAGCGCAGGACGTTTTGTC  
CGCTATCAGTTCACACCGGCATTTCTCCGCTCCGGACAGTGGGGCTACGGTGGAGTTC  
ACAGTGGGAGACAAACCTGTTTCAAACCTCCGGATGATCGAACGGCACTATTTCCGGAA  
CACTTGCTGAAAACTTTGACTTTGATTTGGCTTCTGCATCCCCAGCAGTAGGAACACT  
TGTGAACATATCTATGAGTTTCCCAGCTTTCGGAGGATGTCATTTCGTCTAATGATTGAA  
AATCCTTACGAGACCCGCTCTGACAGCTTCTACTTTGTTGACAACAAGCTGATAATGCAC  
AACAAAGGCTGATTATGCCTATAATGGAGGCCAGTAA

**Restriction Sites:** NotI-NotI

**ACCN:** NM\_001080533

**Insert Size:** 4400 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).

**OTI Annotation:** The ORF of this clone has been fully sequenced and found to be a perfect match to NM\_001080533.1.



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<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_001080533.1, NP_001074002.1</u>
<b>RefSeq Size:</b>	4811 bp
<b>RefSeq ORF:</b>	756 bp
<b>Locus ID:</b>	84747
<b>UniProt ID:</b>	<u>A6NIH7</u>
<b>Cytogenetics:</b>	12q24.31
<b>Gene Summary:</b>	Myristoyl-binding protein that acts as a cargo adapter: specifically binds the myristoyl moiety of a subset of N-terminally myristoylated proteins and is required for their localization. Binds myristoylated NPHP3 and plays a key role in localization of NPHP3 to the primary cilium membrane. Does not bind all myristoylated proteins. Probably plays a role in trafficking proteins in photoreceptor cells.[UniProtKB/Swiss-Prot Function]