

## Product datasheet for **MC200013**

### Unc119 (NM\_011676) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Unc119 (NM_011676) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Unc119
Synonyms:	D11Bhm52; HRG; HRG4; MRG; MRG4; Rg; Rg4; Rtg; Rtg4; UNC11; Unc119h
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC001990 sequence for NM_011676 GCGGCGGCGGTGGCAGCGGGCGAGGATCTGCGGCCCGCGAGGCCATGAAGGTGAAGAAAGCGGCGGGCG GGACCGGGTTCGGGGCGGAGCCCGTTCCAGGGGCCTCGAACCGGAGCGCGAGCCACGCGGGAGCCTGG GGCGGAAGCTGAGTCCGGTCCGAGTCGAGCCGAGCCAGGCCCGGGGCCAGGCTGGGGCCGCTGCAG GGCAAGCAGCCATCGGGCCGAGGATGTGCTGGGGCTGCAGCGGATCACGGGTGACTACCTGTGCTCCC CTGAGGAAAATATCTACAAGATTGACTTCGTCAAGTTCAGGTTCAAGATCCGTGACATGGACTCAGGGACTGTCT TTTTGAAATCAAGAAGCCCCCTGTTTCGGAACGGTTGCCATCAACCGCGGGACCTGGACCCCAATGCA GGGCGCTTTGTTTCGCTACCAGTTCACACCTGCCTTCTCCGCCTAAGGCAGGTGGGAGCCACGGTGGAGT TCACAGTGGGAGACAAGCCGGTCAACAACCTCCGCATGATCGAGAGGCACTACTTTCGAAACCAGCTCCT CAAAAGCTTCGACTTCCACTTTGGCTTCTGCATCCCCAGCAGCAAGAACACCTGTGAGCACATCTATGAC TTCCTCTCTCTCCGAGGAGCTAATCAGTGAGATGATTTCGTACCCGTATGAGACCCAGTCTGACAGCT TCTACTTCGTGGATGACCGGCTGGTGTGATGCATAACAAAGCAGACTATTCTACAGTGGGACACCCTGACC CCTAATGTGCCCCTGAGGCTCTGGCCTAGACCCTGTGCTGTAACCTCTCCGACATCATCTCCACTTGGG GATGGATCCGGTGGCTCTGGACCCTGAGTCAGTCTCGAGAGGAAAGGTGTCCAGCATCCCTAGGCAAACC TCTGGAGCTAGTGGGAGGGGCGAGCGGGGAGGCTGGCTGTCCCCATGTTTCAGGAAGGCCTCCTGCAAGA GGAGGACTCCTGGATGCCTCGTAGGTCCACTGGGCTGAGTTTCAGAGTAGTGGCCCCCTTTGACCGT GACTAGATCAGGTTAGGGACATTTCTGTCCCTTGCCACCACCTCCAGGCTATTTATAGTTGTGCGTT CACAGACAAAGATCCACAGTGGGTACCTGCTCTGAGCCCTGGCTCCTCCATCAGGGGCCAAGAAACTA CCCGAGGTGTGAGAGGGGCGGGTCCAGATCGCAGCCTGTAAAGACCTGGACAAACTGATATAGTTTTCAA TAAACCTTTTCTGTTCTTGGGAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_011676
Insert Size:	723 bp



[View online »](#)

<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>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>	<a href="#">BC001990</a> , <a href="#">AAH01990</a>
<b>RefSeq Size:</b>	1319 bp
<b>RefSeq ORF:</b>	723 bp
<b>Locus ID:</b>	22248
<b>UniProt ID:</b>	<a href="#">Q9Z2R6</a>
<b>Cytogenetics:</b>	11 46.74 cM
<b>Gene Summary:</b>	<p>The protein encoded by this gene is multifunctional, affecting trafficking of transducin in rod photoreceptors, interacting with src-type tyrosine kinases through SH2 and SH3 interacting domains, and aiding the uptake of bacteria through endocytosis. In addition, the encoded protein acts as a lipid-binding chaperone to help localize some myristoylated proteins correctly. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice junction in the 3' end compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.</p>