

## Product datasheet for **MC201100**

### **Eps15I1 (BC015259) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Eps15I1 (BC015259) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Eps15I1
Synonyms:	9830147J04Rik; A1593686; Eps15-rs; Eps15R
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:**

```
>BC015259
GGCCGAGTCCGCAGGAAGATGGCGGGCGCCGCTTGTACCCCTCTCGCAGCAGATTCCCAGTGGAAATCCGT
TATACGAGTCTTATTACAAGCAGGTGGACCCTGCCTACACAGGGAGAGTTGGGGCAAGCGAGGCTGCGCT
GTTTCTGAAGAAATCGGGGCTCTCAGACATCATCTGGGGAAGATATGGGACTTGGCAGACCCCCAAGGT
AAAGGGTCTTGGACAAACAGGGTTTCTATGTTGCACTGCGACTGGTGGCCTGTGCACAGAGTGGCCATG
AAGTCACCTTGAGCAGTCTGAGCCTCACCATGCCACCACCAAAATTTTCATGATACCAGCAGCCCCTGAT
GGCCACACAGTCATCTGCAGAGACCCACTGGGCTGTGCGGGTGGAGGAGAAGGCAAGTTTGATGGCATC
TTTGAAAGCCTTCTACCAGTCAATGGGCTACTCTCTGGAGACAAGGTCAAGCCGGTCTCATGAACTCGA
AACTACCTCTGGATGTGCTGGGCAGGGTCTGGGACCTCAGTGACATAGACAAGGATGGACATTTGGACCG
AGATGAGTTTGTGTGGCTATGCACTTGGTGTACCGCGCCCTGGAGAAGGAACCAGTGCCCTCCATCCTG
CCCCCGCCCTCATCCCACCCTTAAGAGGAAGAAGACTGTGTTTGCAGGAGCTGTGCCTGTCTGCCTG
CTAGTCCCCACCCAAAGACAGCCTCCGCTCCACACCATCCCACGGCAGCGTAAGCAGCCTCAACAGCAC
AGGCAGCCTGTCCCCGAAGCACAGCGTCAAGCAGCCACCAGTGGCCTGGTGTGCCTGTGGCAGATAAG
ATGCGCTTTGATGAGATCTTTTTGAAGACAGACCTGGACCTTGATGGCTATGTGAGTGGCCAGGAAGTTA
AGGAGATCTTCATGCACTCAGGCCTCACTCAGAACCTTCTGGCACACATCTGGGCCCTGGCTGATACAAG
ACAAACGGGCAAGTTAAGCAAAGAGCAGTTCGCACTAGCTATGTATTTTCATTTCAGCAGAAGGTGAGTAAA
GGCATCGACCCTCCTCAAGTCTCTCGCCTGACATGGTGGCACCCTCTGAGAGAGGCACTCCCATCCAG
ACAGTTCAAGTACTCTGGCATCAGGAGAGTTCACTGGTGTAAAGAGCTGGATGACATTAGCCAGGAGAT
CGCACAGTTGCAGAGAGAGAAATACTCATTGGAACAAGACATCAGAGAAAAGGAAGGCAATCAAACAG
AAAACCAGCGAAGTACAGGAATTACAAAATGACCTAGACCGGGAAACTAGTAGTCTGCAGGAGCTTGAGG
CTCAGAAACAGGATGCCAGGACCGCTGGATGAGATGGACCAGCAGAAGGCTAAGCTGCGGGACATGCT
GAGTGACGTGCGGCAGAAATGCCAGGATGAGACCCAGACAATCTCATCTTGAACCCAGATTCAGTCT
CAGGAGTCAGACTTGAAGTCCCAGGAGGATGACCTGAACAGGGCCAAGTCAAGCTGAATCGGCTGCAGC
AAGAGGAGACACAGCTGGAGCAGAGCATCCAGGCTGGACGTGCACAGCTGGAGACCATCCTCAGGTCCCT
GAAGTGCACACAGGATGACATCAACCAGGCAAGAAGCAAGCTGTCCAGCTACAGGAGAGCCACCTAGAA
GCTCACCGGAGCCTGGAACAGTATGACCAGGTGCCTGATGGGGTCTCTGGTACCAGCCTGCCTGACCTGG
CCACCTTGAACGAAGGCATCTTGCTGGCAGAGAGGGGGCGCTTTGGAGCTATGGTAAAGGTGAGTAAAG
GTCTCCGGGTCCACGAGGGCTCTGCTGCAACTGTAGATCTGCTCACAACACTGGCTCCCTCAATGTGTCC
CTTTGTTTTGCTAGTTGTCTGCCTGCCAGGGCCAGGGCTGGTGGCCGAGTTCCTCTGTCTATAGAA
GCTGTGAGGCCAGGTGTTTCATCTCCTCAGAAGTGTTCCTTTTGGCCAGTACCCAAATGTGGAGGGC
AAACCTAACCAAAGCCAGTTTGGTCCCATGCTGTGGGAGCTCGGTGCTCTACTGATACAGCCTTGGGTGC
AAGTATGTGTCGTTCAAGTCAAGTGATTCTGAAAGATGGAGAAACAGGCTCCAGCTGCAGCTTGGTATG
AGCACTGCAGGCTCCCAGTTCATCACTAAGCACCACAGCACATCTGCTCTCCAGGTGCTGTGCAGCCAG
CTGTTGGCTGGCCTCTGGGAGGAAGAACCCTCAGCACTGTGTGGCCCACTGCTCGTGAGCCATTGATGCT
CCATGCGACCCTTCTCTAAGGTTGTGAGTGCCTTGTGGAGTCACTCAGCCCAACTCAGGGAGGGATGT
CTCTGTGGCCATAATCCGGGTATTATGTATGCTACTTTAACCTCTCGGCCGCTCATCTCCAGGGCTC
TCGTTGCTCCAGCCCTGCTGCTTTCTCTTTGTACCTTCCCTCTGTGGTCCGCACTCGCCTTGCACCT
TAAACACAGCTACCTCCCTCTCTTTCTTTCTTTCTCATCAAGAAGTACAGAGAAAGCCTGTTCT
TTCTTGGACCCTTAGAAGGTGCTGTTTATATTTCTGCCTGTCCCTCATGTCTGCCACCTGGAGTTCC
CCTTCACTCTTAGACTTATAAGTAGGTGGCTTCCCTGCCACAGTGGGCATCTGTTCCATGGAATCCCAT
GGAATTCCTTGCTTTTTGGCCTGTAGCCAGTGTGTGTTTCTGTCTTGTACTGTAGTCTTTGCTTTGGCT
CCATCTCACCATTGTCCTGTGCAGCTGGCTTGTCTATGTCCTGGGCCAGGAAATGCTCCCTAAG
TCTCCCTTGTGGATTGTTTGGTGTTCCTTTCTCTCTCTTTCTCTCTTTCTCTCTCTCTCTCTCTCT
CTCTCTATATATATATATATATATATATCTGTCTGTCTGTCTGTCTGTCTGTATTCTTTCTTTGCTTC
TCCTCTTTTCTTTCTGCAACAGTGTCACTGTGCAACCCAGGCTGTGATGGAACCCAGAGATCCCTGTT
GCAGGGATTAAGGTGTCTATCAGGTTCCCTGTAGCTTTTATCACATCCTGGGCTGCATCTTAGCAGTT
GGTGACAGTTTACAGGTGGTGGTCATTTCTGCACTACCAGAACATTTTGTACATGGTTATTTTGTCCA
TCGTTTAAACAGTTGGAGTTGAGTGGTAACTGTCATTTGTACAGTGTAAACATAAGATATATTACCTA
GAAACTTAAGACTTGTGTCCAAAGGAACCCACATCTTGTATTTTTAAAAAATGGGGGGGGGCAGTTGT
TTCATTTCTTAATAACAGTTTGAAGCGAAAAA
```

**Restriction Sites:**

RsrII-NotI

<b>ACCN:</b>	BC015259
<b>Insert Size:</b>	1800 bp
<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>	<u><a href="#">BC015259</a></u> , <u><a href="#">AAH15259</a></u>
<b>RefSeq Size:</b>	3404 bp
<b>RefSeq ORF:</b>	1800 bp
<b>Locus ID:</b>	13859
<b>Cytogenetics:</b>	8 B3.3
<b>Gene Summary:</b>	Seems to be a constitutive component of clathrin-coated pits that is required for receptor-mediated endocytosis. Involved in endocytosis of integrin beta-1 (ITGB1) and transferrin receptor (TFR); internalization of ITGB1 as DAB2-dependent cargo but not TFR seems to require association with DAB2 (By similarity).[UniProtKB/Swiss-Prot Function]