

## Product datasheet for **MC207432**

### Phlda2 (NM\_009434) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Phlda2 (NM\_009434) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Phlda2  
**Synonyms:** Ipl; Tss; Tssc3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC207432 representing NM\_009434  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTTCGAAAATCGTGATGTCTTCGAAAACCGTGAAGACCTCCGACGAGATCCTTTGCGAGGGCGAGC  
 TGGAGAAGCGAAGCGACAGCCTGTTCCAGGTATGGAAGAAGAAGCGCTGCGTGCTCACCGCCGACCCT  
 GCGCTCTTCTCCGGGAAAACCGCCCGCAAGGAGCTGTTTTCCACTCCATCCTCAAGGTGGACTGC  
 GTGGAGCACACCTCTAAGTACGTGACTTCACCATCGTCACCAACTATTACAAGGAGATCGACTTCCGCT  
 GCACGGTGGAGAGCTGCTGGAACGCGCCATCACCATGGCGCTGATCGACTTCCAGAACCGTCGGGCGCT  
 GCAAGACTTCCCGCTACCGGTATCAGCGCTCTGAGTCTGAAATGCCTCCGAGCCGGGAGAGCAGAGC  
 GCTCTGGGTCCG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_009434  
**Insert Size:** 435 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).



[View online »](#)

<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="#">NM_009434.2</a></u> , <u><a href="#">NP_033460.1</a></u>
<b>RefSeq Size:</b>	737 bp
<b>RefSeq ORF:</b>	435 bp
<b>Locus ID:</b>	22113
<b>UniProt ID:</b>	<u><a href="#">O08969</a></u>
<b>Cytogenetics:</b>	7 88.23 cM
<b>Gene Summary:</b>	This gene is one of several genes in the imprinted gene domain on chromosome 7. Studies using knockout mice have shown that the product of this gene regulates placental growth. Transcripts from this gene are most abundant in placenta and yolk sac, and are almost entirely transcribed from the maternal allele. [provided by RefSeq, Jul 2008]