

## Product datasheet for **MC220122**

### **Phldb3 (NM\_001102613) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Phldb3 (NM_001102613) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Phldb3
Synonyms:	EG232970; ENSMUSG00000061511; Gm10102
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220122 representing NM\_001102613  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGGACACCCAGCACCTAGAGGAGGGCTCCTCGTCTCCAAGGTTTCGGAATGCGCCGTCGAGGTCC  
 AGCCTCAAGGGGCTGTGCAGCCTCAGGGGCACCCGAGGATCCCAAGAGCACAAGGAGCCGAAGTCCC  
 AGCGGAGCTTCCAAGTTGCCCGGAGCTGGGCGCAGGCCGAGGAAGAGGAAGAAGTGAAGAAGGTAGC  
 AGCACCGAGAGCTGCCGGAAGAGCCCGAGGCTACGCCTGCCGCGCAGATTCCAGCCACACCTTCCCCTAT  
 GCCTCCCTTCTGGGAAGAGCTGCGGGGGCAGCGCGCGGCTGCGAGGACAGCAGCTGGAGGCACTGAC  
 TCGCGTGGCTCTGATGGAGCAGCGGGTGAAGGAGTTACAGCGCCAGAAGAAGGAAGTGGAGTTCGAGATG  
 GAGGTGGAGGTGGCCCTGCTCCGGGTGAGCTGGCCGGGAACGAGTGGCCGCTCGCCGGGAGGAGGAGC  
 AGCTGCGGGAGCTGCTGGCCAGCGGGTGGAGACCCAGCCGAGCACAAGAACAGCGGGAGCAGGAGCA  
 GAGGCAGCTGAGCCAGGAGCGGGATCATGTGGAGAGTCTCGCCAGAGACTTAGGGAGGCACAAGGACAG  
 CTTGATTCACAGCCAGAGGACCAGAGAGAGCGGCTCTACAAGGGGTACAAGAGATCAGAGAGCAGCTGG  
 ATGCAGCCCAACGCACCTATGAGGATCTGGAGTTCAGCAGCTGGAGCGGGAGAGCCGTGTGGAGGAGGA  
 ACGGAAAGCCCTGCCGTCCCAGCTCCAGACTCCAAGTCCGGGAACCTCAGTCCAGTGTGGCCAGCAC  
 AGGCGCCGCATCCAGGTCTTGGAGGAGCAGCTCAGGTCTCTGGGGGAGCAGATGGCTGCTGAGAGCTGGG  
 GGCTGAGCAGGAAGAAGGAGGAAGCTGTTCAAGGCTTTACACAGGAACCGAGCCGGCTGTTTCAGACTCA  
 TTAGCCTGCAGGAACATGTTGGGGACTTCTCTGAGCCCGACCAAGCACTACCAAGTTGCTGTTTACA  
 CAGAAGACGGACCGTCACTGCTGGTCTGAGGACCCCACTGCGCATGCTGCGCCAGCTCCACCTCTT  
 CTTGCCCTTTCTCGGTGCACAGCTCCCTGCAGGGGTCTATTGGTCTCCAGAGGACAGGAAGCTGCCCCG  
 GAGGAGGGGAGAAAGGGCCAGCCAGAGGGATCCTCCCGCCTTTGTCCCTCCACTGTACAGGACCTCTG  
 GAGGCCTCGGCTCTTTCACAAGCTGTGGGACCCCTGGGAGACACCTCTCTATCAGCTGCTCAACTGTG  
 GCCCTGGGAATAGACTCGGTGCTTCTGTTAGACATCGCACACATGGAGCGACTCCTGCAGCTGGCTGT  
 GGCCGAGAGGGAACGCTGCTCAAGGACAGGGAAGGGATGAGAAGAAGCCGAGAAAGTTCACAGGCCCT  
 GCCGTTCTGCCATCACGGCCCCGCCCGCCCCGCCCCACCACCACCAAGCCCTCCAGGTC  
 CCCAGGCTCTGGACCTCCACAGCACCTGGAACGCTGGGGCCACAATCCTGAAAGCTGCCCCACTTGCG  
 GGTGACCGGGGGCTGCTGCTGGGGCCCTGGTGAAGATGGGCGCGCATTAAACTTGGAGGAAACGC  
 TGGTTTTGCTTTGACCGCAGGCGCGCTTTGGCTTACTACGCCACAAGGAAGAGACAAGCTCAAAG  
 GGGTCATCTATTTCCAGGCCATCGAGGAAGTACTATGACCCTTACGTTGTGCCTTCAAGAGCCCCAG  
 TCCCCGCTGACCTTCTGCGTCAAGACCTACGAACGCTTTTTCTATATGGTGGCCCCAGCCCGAAGCC  
 ATGCGGATTTGGATGGATGTCATCGTGACAGCTGCGGACGAGAACCACGCCCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001102613

**Insert Size:** 1947 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).

**Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_001102613.1](#), [NP\\_001096083.1](#)

**RefSeq Size:** 2282 bp

**RefSeq ORF:** 1947 bp

**Locus ID:** 232970

**Cytogenetics:** 7 A3