

Product datasheet for **RN217032**

Phldb3 (NM_001191622) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phldb3 (NM_001191622) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Phldb3
Synonyms:	RGD1561121
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217032 representing NM_001191622
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGACACCCAGCACCTAGAGGAGGGCTCCTTGCCGCTCAGGTTCCGGAATGCGCGGTGAGGTCC
AGCCTCAAGGGTTCGTGCAGCCTCAGGGGACCCCGAGAATCCCAAGAGCACAAAGGAGCCCGAGGTCCC
AGCGGAGCTTCCAAGCTGCCAAGAAGCTGGGCGCAGGAGGAAGGAAGAAGTGAAGAAGGTAGCAGC
ACCGAGAGCTGCCGGAAGAGCCGAGGCTACGCTGGCCGCACAGATTCCAGCCACACCTTCCCCATGCC
TTCTGGGGAAGAGCTGCGGGGGCGCGCGGGCTGCGAGGACAGCAGCTGGAGGCTAACACGCGT
GGCTCTGATGGAGCAGCGGTGAAGGAGTTACAGCGTCAGAAGAAGGAATTGAGGATCGAGATGGAGGTG
GAAGTGGCCCTGCTCCGGGTGAGCTGGCGGGAGAACGAGTGGCCGCTCGGCGGAGGAAGAGCAGCTGC
GGGAGTTGCTGGGTGAGCGGTAGAGTCCAGCAGAGCAGCCAAGAACAGCGGGAACAGGAGCAGAGGCA
GCTGAGCCAGGAGCGGGATCATGTGAAAATCTTCGCCAGAGACTTAGGGAGGCCAAGGACATCTTGAT
TCACAGCCAGAGGACCAGAGAGAGAGGCTCTACAAGGGTACAAGAGATCAGAGAGCAGCTGGATGCAG
CCCAGCGTACCTATGAGGATCTGGAGTTCAGCAGCTGGAGCGTGAGAGCCGCTGGAGGAAGAACGGGA
AAGCCCTGATGTCCAGCTCCAGACTCCAAGTCCGGAACTTCAGGCCAGTGTGGCTCAGCACAAAGGGG
GGTCCCCTGCAGCGCCGATCCTGGTCTTGAGGAACAGCTCAGGTCTCTGGGGAGCAGATGGCTGCAG
AGAGCTGGGACTGAGCAGGAAGAAGGAGGAGGCTGTTGAGGCTTACTCAGGAAAGGAGCCGCTGTT
TGAGCTCAATTGCCTCAGGGAACATGTGGTGGGACTTCTCTGAGCCTGACCAAGCACTACCAAGCTG
CTGTTACACAGAAGACAGACCAGCTGCTGGTCTGCAGGACCCATTGCGCATGCGGCCCGCAGCT
CCACCTTTCGTGCTCTTCTCAGTGCACAGTCCCTGCAGGGTCTATTGGTCTCAGAGGACGGGAAG
CCTGCCCGGAGGAGGGAGACAGACCAGCCAGAGGGATCCTCCCGACCTTTGTCTGTCCACTGTACA
GGACCCCTGGAGGCTCTGCTCTACACAAGCTGTGGGACCCCTGGGAGACACCCTCTATCAGCTGC
TCAACTGTGGCCCTGGGAATAGAAACCTGTGCTTACCCAGACATCGCACATATGGAGCGACTCCTGAA
GCAGGCTGTGGCTGAGAGGGAACGGCTGCTCAAGGCCAGGGAAGGGATGAAAAGGAGCCAAGAAAGTTCC
ACAGACCCTGCAGTTCGCCCATCATGGCCCCACCACACCCTCCTGGTCCCAGGACTGGACCTCGCAC
AGCACCTGGAACGCTGGGGCCACAATCCGAAAGCTGCCCCACTTGAGGGTGTCCGGGGGCTACTGTCTG
TGGGCCCTGGTGAAGATGGGCGCCGATCAAACCTGGAGGAAACGCTGGTTTTGCTTTGACCGGCAG
GCGCGCGTCTGGCTTACTACGCCGACAAGGAAGAGCAAGCTCAAAGGTGTCATCTATTTCCAGGCCA
TTGAAGAAGTGTACTGTGACCACTACGCTGTGCTCCAAGAGCCCAACCCCTCCTGACCTTCTGTGT
CAAGACCTACGAACGCCTTTTCTATATGGTGGCCCCAACCCAGAAGCCATGCGAATTTGGATGGTCTG
ATCGGGACAGCTGCGGACGAAAACCACGCCCTGA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001191622

Insert Size: 1926 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: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<ol style="list-style-type: none">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:	<u>NM_001191622.1, NP_001178551.1</u>
RefSeq Size:	1926 bp
RefSeq ORF:	1926 bp
Locus ID:	308431
Cytogenetics:	1q21