

Product datasheet for RN217608

Phldb1 (NM_001191578) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phldb1 (NM_001191578) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Phldb1
Synonyms:	LI5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217608 representing NM_001191578 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCTACTCTTAATAGGAACCAGCTAGGCCCTGGATGCAAGACCCAGGCTGTGGTGCAGAAAGGGCCGT
 TGGATCTGATTGAGACGGGTCAAGGACTGAAGGTGCAGACAGACAAACCTCATCTTGTGAGCCTGGGCAG
 CGGCAGGCTCAGCACAGCAATCACTCTCCTGCCGCTGGAGGAAGGGAGGACAGTGATTGGTTCAGCAGCC
 AGGGACATCTCACTGCAAGGTCCAGGCCCTGCTCCAGAACTGCTACATCGAGAATCTGAGGGGCACTC
 TCACCCTGTACCCTTGTGGCAATGCCTGCACTATTGATGGGCTCCCTGTTCCGGCAGCCCAACCGGCTCAC
 TCAGGGCTGCATGTTGTGTCTGGGTCACTCCACCTTCCTGCGCTTAACCAACCCAGCCGAAGCCAAGTGG
 ATGAAGAGTATGATTCCAGCAGGGGGCCGGGCCCCAGGGTCCACGTACAGTCTGGCTCTGCTGAATCAG
 AGAGCTTGGTCAATGGGAACCACACAGCACAGCCCGCAACCCGGGCACCTCCAGCCTGTGCCAGCCACAG
 TTCCCTGGTGAGCTCCATTGAAAAGGACCTGCAGGAAATCATGGACTCGTTGGTGCTAGAGGAGCCCGGA
 GCTGCAGGCAAGAAGCCTGCAGCCACATCCCCGTTGTGCGCAGTGGCTAATGGTGAGCGTACCTGTTGT
 CCCCTCAACCCAGCCAGGAGCCATGTCTGTGGGCTCCAGCTATGAGAACACCTCTCCGGCCTTCTCTCC
 ACTGTCTCACCAGCCAGCAGTGAAGCTGTGCTAGCCACTCTCCAGTGGGCAGGAGCCAGGACCTTCT
 GTGCCCCCGCTCGTGCCCTGCCGTTCTCCAGCTACCATTTGGCTCTGCAACCCCAAGTCCCGCCCAA
 GTGGTTCCCGCTCCTCTGAGAGTCCCCGCTGGGCAGGAAAGGGGTCTGAGAGACCTCCAGCCCTGG
 TCTCCGAGGTCTTCTGACTGACAGTCTGCAGCTACAGTCTTGGCTGAGGCCCGCAGAACCCTGAGAGT
 CCCAGGCTAGGTGGGCAGCTGCCTGTGGTGGCTATCAGCCTGAGTGAATATCCATCTTCCGGTGCCCGCA
 GCCAACCCACCAAGTATTCTGGCAGCCCTAAGTTCCAGTCTCCAGTGCCTGCTCCCCGAAACAAGATCGG
 CACACTCCAGGACCGCCCTCCAGTCTTTCCGTGAGCCCCCAGGCACAGAGCGGGTACTAACAACCAGC
 CCCTCTCGACAGTGTGGGCAGAACATTTTCAGATGGGTCAGCAACTCGTACCCTCCAGCCACCGGAGA
 GTCCCCGCTTGGGCCGGGGGCTGGACAGTATCGGGAACTGCCCCGTTGAGTCCATCTCTGTCTCG
 AAGGGCTCTGTCCCACTGCCAGCCGGACTGCCCCAGATCCCAACTAAGCAGGGAAGTGGCAGAGAGC


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CCCCGGCCCCGGCGCTGGGCAGCCCATGGGACTTCACCTGAGGACTTCTCCCTGACACTAGGAGCACGGG
 GCCGCAGGACTCGGAGTCCTTCGCCACACTCGGGGAGTCCCTGGCACCTCGCAAGGGCAGCTTCAGTGG
 CAGGCTAAGCCCAGCCTACAGTCTGGGCTCTTACTGGGGCTTCACCTCGCCAGAGCCCCCATGCTCAA
 AGGAAGCTTTCAGTGGGACTTGGCGGTGCCATCCCAAGGGAGAGGAAAAATAGCATCACGGAGATCA
 GCGACAATGAGGACGATCTCTGGAGTACCACAGGCGGCAGGCCAAGAGCGGCTCCGGGAGCAGGAGAT
 GGAGAGGCTGGAACGCCAGCGCTGGAGACCATCTGAACCTGTGTGCTGAGTACAGCCGAGCTGACGGG
 GGACCTGAGACTGGGAACTGCCAGTATAGGAGAGGCCACGGCAGCACTGGCTTTGGCAGGCAGGAGGC
 CCTCAAGAGGCTTGGCAGGAGCCATAGTAGTGTCTGGAAGGAGTGGTGAAGGAGTCTGGAGGTGCCTCGCA
 GCGCCTGTGGGAGAGCATGGAGCGCTCTGATGAAGAGAATCTCAAAGAGGAGTGCAGCAGCACAGAGAGC
 ACCCAGCAGGAGCACGAAGATGCTCCTAGCACGAAGCTCCAAGGAGAGGTGCTGGCTGTGGAAGAGGAGC
 GGGCTCAGGTTCTGGGGCGCTAGAGCAGCTGAAGGTCCGAGTGAAGGAGCTGGAACAGCAGCTGCAGGA
 GGCAGCCCAGAGGCTGAAATGGAGAGAGCACTGCTGCAGGGGAGAGGGAGCGGAGCGAGCATTGCTG
 CAGAAGGAACAAGAGCTATGGACCAGTGCAGGAGAAGTTGGTGGCCTTGAGACAGGCATCCAGAAGG
 AGAGGGACAAGGAGGCAGACGCTCTAGAGACTGAGACAAAGCTCTTTGAGGACCTGGAGTCCAGCAGCT
 GGAGCGGAGAGTCGCGTGGAGGAGGAGCGGGAGTTGGCCGGCCAAGGGTGCTTCGACGAAGGCTGAG
 TTGCTGCGCAGCGTGAGCAAGAGAAAGGAGCGCCTAGCTGTACTGGACAGTCAGGCTGGGAGATCCGGG
 CCCAAGCAGTACAGGAGTCAGAGCGTCTGGCCCGGAAAAGAATGCTGTCTGCAGCTACTGCAAAAGGA
 GAAGGAGAAGCTGACTGTGCTTGAGAGGAGATATCATTGCTCACGGGTGGCAGGTCTTTTCCGAAGACC
 ACCTCAACCTCAAAGAGATGGAGAACTGCTGCTCCCTGCTGTAGACTTAGAGCAGTGGTACCAGGAGT
 TGATGGCCGGGCTGGGGACTGGCCTTGCTGCAGCTCCCTCGCTCCTCTCCCCCGCCTTGCTGCCAA
 AGCTTCTCGTCAGCTGCAGGTTTACCGTCCAAGATGAATGGTGACATGGCCAGCCCCCTGCCAGGACC
 CGTAGTGGCCCTCTCCCTCCTCCTCAGGCTCCTCATCTCTTCTTACAGCTCAGCGTGGCTACCTGG
 GCGGTAGTCTTCCCCAAAGAGTGCCCTGCTCGCCAGAATGGCACCAGTAGTCTCCCTCGAAACCTGGC
 AGCCACGCTGCAGGACATTGAGACCAAGCGCCAGCTGGCCCTACAGCAAAAGGGGACCAAGTGATCGAG
 GAGCAACGGCGACGGCTGGCTGAGCTGAAGCAGAAAGCAGCGGCAGAGGCTCAGTGCCAGTGGGATGCCT
 TGCATGGTGCAGCGCCTTTCCAGCAGGCCGCTGGCTTCCCCACACTCATGCACATTCTATCTGCA
 CCACCTGCCAGCAGGCAGGGAACGTGGAGAGGAGGGGAGCAGCCTTACGACACCCTGAGCCTGGAGAGT
 TCGGACAGCATGGAGACCAGCATCTCTACGGGGGCAACTCCGCCTGTTCCCCTGACAACATGTCCAGCG
 CTAGTGGTCTGGACATGGCAAGATAGAGGAAATGGAGAAGATGCTAAAGGAAGCTCACGCGGAGAAGAG
 CCGGCTCATGGAGTCCAGGGAGCGGGAGATGGAGCTACGGAGGCAGGCCCTGGAGGAGGAACGTCCGAGG
 CGGGAGCAAGTGGAGCGGAGGCTGCAGAGTGAAGCGCCCGCAGGCAGCAGCTGGTGGAGAAAGAAGTCA
 AGCTGAGGGAGAAGCAGTTTTCCAGGCTCGACCTCTGACACGTTATCTTCCCAACCGGAAGGAGGACTT
 TGATTTGAAGACCCACATAGAGTCGTGAGGCCATGGGGTGGACACCTGCCTACATGTGGTGTCTAGCAGC
 AAGGTCTGCCGTGGCTACTTAATCAAGATGGGTGGCAAGATTAATCGTGAAGAAGCGCTGGTTTGTCT
 TTGACCGGCTGAAGCGCACCTTTCTACTATGTGGACAAACACGAGACGAAGCTGAAGGGGGTCATCTA
 CTTCCAGGCCATCGAGGAAGTGTACTATGACCACCTGCGCAGCGCAGCCAAGAAAAGGTTTTTCCACTTC
 ACCATGGTGAAGTCCGAATCCAGCCCTCACCTTCTGTGTGAAGACCCATGACCGGCTGTACTACA
 TGGTGGCCCCATCTGCAGAGGCCATGCGCATCTGGATGGATGTCATCGTCACGGGAGCTGAGGGCTACAC
 TCAATTCATGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001191578

Insert Size:

4146 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:	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_001191578.1, NP_001178507.1</u>
RefSeq Size:	5398 bp
RefSeq ORF:	4146 bp
Locus ID:	171434
Cytogenetics:	8q22
Gene Summary:	expressed in pituitary [RGD, Feb 2006]