

## Product datasheet for **RG209856**

### PHLDB3 (NM\_198850) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PHLDB3 (NM_198850) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PHLDB3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG209856 representing NM\_198850  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGGGACGCGAAGCAGCCCCGAGGAGGGGACCCCGCCGCTGGTCCCAGGAATGCGACGTGGAGGTCC  
 AGCCCCAGGGCCATCCCGAGGAGTCCCGGAACAGGAGGCATCCGAAGTCTGGCGGAACCTTCGAGCCG  
 CGGGGGAGCTGAGCAGCAGGCAGAGGAAGAAGAAGTGGGAGAAGGCAGCAGCACTGAGAGCAGCCGCGAC  
 GCGCCCGAGGCTACGCTCCGATAGCTATGGCGCCACACCTCCCGCATCCACCTCTTCGCGGAAGGGG  
 TGCGAGGGGGCGCGCGCCCTGCAAGGACAGCAGCTGGAGGCATTGACTCGTGTGGCCCTGATGGAGCA  
 GCGAGTGAAGGAGCTACAGCGCCAGAGGAAGGAGCTGAGGATCGAGATGGAGGTGGAGGTGGCCTTGCTG  
 CGGGGTGAGCTGGCTGGGAGCGAGTGGCCGCTCGCCGGGAGGAGCAGCTGCGGGAGCTGCTGGAGC  
 AGCAGGGCCCTCGGAGCAGCGCGCCAGCAGCGGGAACAGGAACAGAGGCGGCTGAGCCAGGAACG  
 GGATCGCCTAGAGGGTCTTCGCCAGAGACTCCGCAAGGCCAGGGACAGCTCGACTCACAGCCAGAGGAC  
 CAACGCGAGCGGCTTCTGCAAGGTGTGCAGGAGATGAGGGAACAACCTGGATGTGGCCCAACGTGCCTATG  
 AGGACCTGGAGTTCAGCAACTGGAGCGGGAGAGCCGGCAGGAGGAGGATCGGGACAGCCCTGGGCC  
 CCAGGTGCCAGACCCCAAGGTCCAGGAACCTCAGGCCAGCATGGCGCAGCACAGAAGGGGTGCTCTGCAG  
 CACCGGATCCGGGTCTGGAAGAGCAGCTCAAGTCACTGGGGGAGCAGATGGCAGCCGAGAGCCGGGGT  
 TGAGCCGGAAGAAGGAGGAGGCCCTTCAAGCCCTGTACAGGAACGAGCCGGCTGCTCGAGCTCAATTG  
 CCTTCAGGAACACCTGGCGGGGACTTCTGTAGCCCAACCCGGCCCTACTAAGCTGCTGTTACCCAG  
 AAGACAGACCCAGCTGCTGGTGTCTCCAGGATGCCGTGGCCACTCCGCTGCCACCCCTACTTCTTCT  
 GCCTCTTTTCTGTCCACAGCTCCCTGCAGGGCTCCATTGGCCTCCAGAGGACTGGGAGCTGCCCGGAA  
 AAGGGGGGAGAGGGGGAGCCAGAGAGGATCCCCCGACCTCTGTCTTCCATTGTACTGAATCCCTGGAG  
 GCCTCAGCTCTCCCGCCAGCAGTGGGGGACTCCGGCAGATACCCCTCTACCAGCTGCTGAACTGTGGCC  
 GTGGGAATAGCTGTGGGGCCATCCATCCAGACATTGCCACATGGAGCGGCTCCTGCAGCAGGCCATGGC  
 GGAGAGGGAGCGGCTGCTCAAGGCCGGAAGGAACAAGAAGGGGCACGGAAGGTTCTCAGGCCCTGCT  
 GTTCTGCCATCACGGCCCCACCCACCCACCCACCTCCAGGCCCGGAATCTTGATCTCCGGCAGC  
 ATCTGGAGGGATGGGGCCACAACCCGAAAACCTGCCACATGTGCAGGTGTCTGGGTGCTGCTGCCGTGG  
 ACCCTGGTGAAGATGGCGGCCCATCAAGACCTGGAGGAAGCGATGGTCTGCTTTGACCGCCAAGCC  
 CGCGCTTGGCCTACTATGCGGACAAGGAAGAGACCAAGCTCAAAGGTGTATCTACTTCCAGGCCATTG  
 AGGAAGTCTATTATGACCACTTACGCTGTGCCTTCAAGAGCCCCAACCCCGCCTGACCTTCTGCGTCAA  
 AACCTACGAACGCCTTTTCTACATGGTGGCTCCGAGCCCCGAAGCCATGCGCATTGGATGGACGTCATC  
 GTGACCGCGCTGACGAAAACCACGCCCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>RG209856 representing NM\_198850  
 Red=Cloning site Green=Tags(s)

MGRSSPEEGTPPLVPECDVEVQPQGHPEESREQEASEVLAEPSSRGGAEQQAEVEEVGEGSSTESSRD  
 APEATPPIAMAATPPASTSSREGVYRGAARRLQGGQLEALTRVALMEQRVKELQRQRKELRIEMEVEVALL  
 RGLAGERVAARREEEQLRELLLEQQAASEQRGRQREQEQRRLSQRDRLEGLRQLRKAQGLDQSPED  
 QRERLLQGVQEMREQLDVAQRAYEDLEFQQLERESRQEEEDRDSPPGPQVPDPKVQELQASMAQHRRGALQ  
 HRIRVLEEQLKSLGEQMAAESRGLSRKKEEALQALSQERSRLELNLCLQTPGGDFSEPNPALTKLLFTQ  
 KTDRQLLVLDVAHAHAATPTSSCLFSVHSSLQSGISGLQRTGSLPRKRGERGSQRGSPRPLSFHCTESLE  
 ASALPPAVGDSGRYPLYQLLNCGRGNSCGAIHPDIAHMERLLQQAAMERERLLKAREGTRRGTEGSSGPA  
 VPAITAPPTPPHPGPRILDRLRQHLEGWGHNPCPHVQVSGCCCRGPLVKMGGRIKTRWRKWFCDRQA  
 RRLAYYADKEETKLGVIYFQAIEEVYDHLRCAFKSPNPRLTFCVKTYERLFYMVAPSPEAMRIWMDVI  
 VTAADENHAP

**TRTRPLE** - GFP Tag - V



<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_198850.3</a> , <a href="#">NP_942147.3</a>
<b>RefSeq Size:</b>	2505 bp
<b>RefSeq ORF:</b>	1923 bp
<b>Locus ID:</b>	653583
<b>UniProt ID:</b>	<a href="#">Q6NSJ2</a>
<b>Cytogenetics:</b>	19q13.31