

Product datasheet for SC115552

PHLDA1 (NM_007350) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHLDA1 (NM_007350) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHLDA1
Synonyms:	DT1P1B11; PHRIP; TDAG51
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115552 sequence for NM_007350 edited (data generated by NextGen Sequencing)

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ATGAGGCGTGCGCCGGCTGCCGAGCGCCTCTTGAGCTGGGCTTTCCCCCGGGTGCGGG
CGCCAGGAGCCGCTTTTCCGCTGGGTGTCACTCGGGGGTGGGGAAGATGGCCCATTC
AAGCGCCGCGAGGGGGCCCGCCAGTGCCTTCAGTGAGCGCTCGCAAGAGGACGGCAGA
GGCCCGGCAGCTCGGAGCTCCGGGACCTTGTGGCGCATCAGGACGCGGCTGTCCCTCTGC
CGGGACCCAGAGCCGCCCGCCGCTCTGCCTCCTGCGTGTAGCCTCCTCTGCGCGCTC
CGGGCAGGCGCGCGTGGGAGCCGCTGGGCGAGGACGGCGCGAGGCTGCTGCTGCTGCC
CCGGCCCCGCGCGCTGGAACGGAGAGGCCGAGCCAAGCGGCGGCCCTCTTATGCTGGG
AGGATGCTGGAGAGTAGCGGCTGCAAAGCGCTGAAGGAGGGCGTCTGGAGAAGCGCAGC
GACGGGTTGTTGCAGCTCTGGAAGAAAAAGTGTTCATCCTCACCAGGAAGGGCTGCTG
CTTATCCCGCCCAAGCAGCTGCAACACCAGCAGCAGCAGCAACAGCAGCAGCAGCAG
CAGCAACAACAGCCCGGGCAGGGCCGGCCGAGCCGTCCCAACCCAGTGCCCGCGTGT
GCCAGCCTCGAGCCGCGGTCAAGCTCAAGGAAGTCACTTCTCCAACATGAAGACCGTG
GACTGTGTGGAGCGCAAGGGCAAGTACATGTACTTCACTGTGGTGATGGCAGAGGGCAAG
GAGATCGACTTTCGGTGCCCGCAAGACCAGGGCTGGAACGCCGAGATCACGCTGCAGATG
GTGCAGTACAAGAATCGTCAGGCCATCCTGGCGGTCAAATCCACGCGGCAAGCAGCAG
CACCTGGTCCAGCAGCAGCCCCCTCGCAGCCGAGCCGAGCCGAGCTCCAGCCCCAA
CCCCAGCCTCAGCCTCAGCCGCAACCCAGCCCCAATCACAACCCAGCCTCAGCCCCAA
CCCAAGCCTCAGCCCCAGCAGCTCCACCCGTATCCGCATCCACATCCACATCCACACTT
CATCCTCACTCGCACCCACACCTCACCCGCACCCGCATCCGCACCAATACCGACCCA
CACCCACAGCCGCACTCGCAGCCGACGGGACCGGCTTCTCCGAGCACCTCCAACCTCT
GCCTGA

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Clone variation with respect to NM_007350.3
1079 c=>t



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_007350 unedited
 CGTCAAAATTTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGTGGACGCAG
 CGGGCTTTTGAAAGGCCCAAGTTAATGAGGCGTGCGCCGGCTGCCGAGCGCCTCTTGGA
 GCTGGGCTTTCCCCCGCGGTGCGGGCGCCAGGAGCCGCTTTTCCGCTGGGTGTCACTCG
 GGGGTGGGGAAGATGGCCATTCAAAAGCGCCGCGAGGGGGCCCGCCAGTGCCCTTCAG
 TGAGCGCTCGCAAGAGGACGGCAGAGGCCCGGCAGCTCGGAGCTCCGGGACCTTGTGGCG
 CATCAGGACGCGGCTGTCCCTCTGCCGGGACCCAGAGCCGCCCGCGCGCTCTGCCTCCT
 GCGTGTTAGCCTCCTCTGCGCGCTCCGGGCAGGCGGCGTNGGGAGCCCGCTGGGGGCGAG
 GGACCGCGCGAGGCTGCTGCTGCTGCCCGGCCGCGCGGCTGGAAACGAGAGGCCGA
 GCCAAGCGGCGGCCCTCTTATGCTGGGAGGATGCTGGAGAGTAGCGGCTGCAAAGCGCT
 GAAGGAGGGCGTCTGGAGAAGCGCAGCGACGGGTTGTTGCAGCTCTGGAAGAAAAAGTG
 TTGCATCCTCACCAGGAAGGGCTGCTGCTTATCCCGCCCAAGCAGCTGCAACACCAGCA
 GCAGCAGCAACAGCAGCAGCAGCAGCAACAACAGCCCGNCCAAGGGGCCCGGCCGA
 GCCGTCCCAACCCAGTGCCCGCTGTGCCAGCCTCGAGCCGCCGCTCAAGCTCAAGGA
 ACTGCACTTCTCCACATGAAGACCGTGGACTGGTGTGGAGCGCAGGGCAAGTACATGTAC
 TTCACTGTGGGTGATGGCAGAGGCAAAGGAGATCGACTTTCGGTGCCCGCAGACCCAGGC
 TGGAACGCCGAGATCCGCTGCAATGGGTGCAGTACA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_007350 unedited
 TCTGGCACGCGGCACGCAATCTAGTATCGAGTTTTTTTTTTTTTTTTTTAATATCAGA
 GTTTTAATTTCAACCAGCTGGCACAACAATGAAAGTGCAGACTTTCTGAAGTACTCGAG
 AAATAATGAATAAATTCTTAATGTTTTCCCTCCACCGCCCTTTTTATTCTCCAAGATT
 AGGAATTACTACGATTAGGTTTTTGAAAATAAAGTTTCCTTTTTGGAAAATGGTCTACA
 TTCAGAAATGTCTAGAACAAAGCATTTAAAAAACTAATAAATAATCATAAATCAAAAT
 ACATTAATAAATAAATTACAGTACATCATCGCTCCTAGAAAATTCACCATACAAGACGATC
 CTTTCAAAGTTTCATAAATAAAGTCTTCTTGACTCGAAATCGTTTCCTGCATCGTGATG
 AAAAGTATGCAGAAAATAAGAAGAATCGCAAGTTTTCAGTAGGGTGATGTCCAACTAC
 TTGATCTGGTGCGGGGCGGAGAGACTGTTTTGCTTTTGATCCAAGTGAAGACAATAGAAA
 TGTGCTCGTCCCACTTCCTCAAGTCCTCAAAACCTTGCTTGCCCGGGAGCTGCCCTTT
 CAGGCAGAGTTGGAGGTGCTGCGGAGAATCCGGTGCCCGTGCGGCTGCGATTGCGGCTGT
 GGGTGTGGGTGCGGTATTTGGTGCGGATGCGGGTGCGGGTGATGGGTGTGGGTGCAATTG
 AGGATGAAGGNTNGGNTTTGGNATTTGGNTTCCGTTTTCCGGTTGGGACTGCTGGGGCT
 GAAGCTTGGGTTGGGGCTGGGGCTGGGTTGTGATTGGGGCTGGGGTTCCGGCTGAGGCT
 GGGGCTGGGTTGGGGCTGGTCTTCGCTTCGCTTCGCTCGCAGGGGGCCGCTCTGACA
 CTTGCCTTGGTTTTGCCCGGGTTTTCCGCCAGAAGCCCCCATCTTGACTGACACTTG
 AACGGATCCGGGTTACCCG

Restriction Sites:

NotI-NotI

ACCN:

NM_007350

Insert Size:

1800 bp

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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. More info
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_007350.2 , NP_031376.2
RefSeq Size:	1998 bp
RefSeq ORF:	780 bp
Locus ID:	22822
UniProt ID:	Q8WV24
Cytogenetics:	12q21.2
Domains:	PH
Gene Summary:	This gene encodes an evolutionarily conserved proline-histidine rich nuclear protein. The encoded protein may play an important role in the anti-apoptotic effects of insulin-like growth factor-1. [provided by RefSeq, Jul 2008]