

Product datasheet for SC317635

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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317635 representing NM_007350. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGAGGCGTGCGCGGCTGCCGAGCGCCTCTGGAGCTGGGCTTTCCCCCGCGGTGCGGGCGCCAGGAG
 CCGCCTTTCCGCTGGGTGTCACTCGGGGGTGGGAAGATGGCCATTCAAAGCGCCGCGAGGGGGCC
 CGGCCAGTGCCCTTCAGTGAGCGCTCGAAGAGGACGGCAGAGGCCCGGCAGCTCGGAGCTCCGGGACC
 TTGTGGCGCATCAGGACGCGGTGTCCCTCTGCCGGGACCCAGAGCCGCCGCCGCTCTGCCTCCTG
 CGTGTTAGCCTCCTCTGCGCGCTCCGGGAGCGGCCGTGGGAGCCGCTGGGCGAGGACGGCGCAGG
 CTGCTGCTGCTGCCCCGCGCCGCGCGCTGAAACGGAGAGGCCGAGCCAAGCGCGGCCCTCTTAT
 GCTGGGAGGATGCTGGAGAGTAGCGGCTCAAAGCGCTGAAGGAGGGCGTCTGGAGAAGCGCAGCGAC
 GGGTTGTTGCAGCTCTGGAAGAAAAAGTGTTCATCCTCACCGAGGAAGGCTGTGCTTATCCCCCCC
 AAGCAGCTGCAACACCAGCAGCAGCAGCAACAGCAGCAGCAGCAACAACAGCCCGGCAG
 GGGCCGGCCGAGCCGTCCAACCCAGTGGCCCCGCTGTGCCAGCCTCGAGCCGCCGGTCAAGCTCAAG
 GAACTGCACTTCTCAACATGAAGACCGTGGACTGTGTGGAGCGCAAGGGCAAGTACATGTACTTCACT
 GTGGTGATGGCAGAGGGCAAGGAGATCGACTTTCGGTGCCCGCAAGACCAGGGCTGGAACGCCGAGATC
 ACGCTGCAGATGGTGCAGTACAAGAATCGTCAGGCCATCTGGCGGTCAAATCCACGCGGCAGAAGCAG
 CAGCACCTGGTCCAGCAGCAGCCCCCTCGCAGCCGAGCCGAGCCGAGCTCCAGCCCCAACCCAG
 CCTCAGCCTCAGCCGCAACCCAGCCCCAATCACAACCCAGCCTCAGCCCCAACCAAGCCTCAGCCC
 CAGCAGCTCCACCCGTATCCGCATCCACATCCACATCCCACTCTCATCTCACTCGCACCCACACCCCT
 CACCCGACCCGCATCCGCACCAATACCGACCCACACCCACAGCCGCACTCGCAGCCGCACGGGCAC
 CGGCTTCTCCGAGCACCTCCAACCTTGCT**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_007350
Insert Size:	1206 bp
OTI Disclaimer:	<p>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.</p> <p>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</p>
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_007350.3
RefSeq Size:	5913 bp
RefSeq ORF:	1206 bp
Locus ID:	22822
UniProt ID:	Q8WV24
Cytogenetics:	12q21.2
Domains:	PH
MW:	45 kDa
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]