

Product datasheet for **MC201656**

Phlda3 (NM_013750) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Phlda3 (NM_013750) Mouse Untagged Clone
Tag: Tag Free
Symbol: Phlda3
Synonyms: Tih1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC023408 sequence for NM_013750
 GGAGCGGGCGTGC GGCGGCGAGGCGCAGGGCACCGGGTAGAGGCTCGGGGAGGTCGGAGCGGGCGCGCAG
 GGTTCCAAGCCGGCGGCGAGAGAGTAGCATCGCACGAGCCTCCCGGTACCCGCTGTCTGCGAGGCGGCC
 GGGCCGCGAGGCTCGACCGCACAGGGAGCAAGGCCAACAGCTCCAGGGCGCGAGAAGCCGGCGCTGTAGA
 GCCGGGACAGCCGGGATCGCCGACGCTCCAGAGCTGTGGGAACCTCGGGGTGCCATGACGGCGGCGGC
 GACCGTGTGAAGGAGGGCGTGTGGAGAAGCGCAGCGCGGGCTGCTGCAGCTGTGGAAGCGGAAGCGC
 TGCCTGTCCAGGAGCGGGCTGCAGCTCTTCGAGGCCAAGGGCACGGCGGCCCGCCCAAGGAGCTCA
 GCTTCGCCCGCATCAAAGCCGTGGAGTGCCTAGAGAGCACCGGGCGCCACATCTACTTCACGCTAGTGAC
 CGAAGGCGGGGGCGAGATCGACTCCGCTGCCCTCGAAGACCCTGGCTGGAACGCTCAGATCACCTG
 GCCTGGTCAAGTTCAAGAATCAACAGGCCATCCAGACTGTGCGGGCCCGCAGAGTCTTGGGACTGGGA
 CCCTTGTGTCTAAACCATGAGGCGTATCATTATCGACATGCCCCCTCTCCATCTCCGTGCCAG
 AAGACATGTCAGCTTCTGTGCCACTTTGGTTGGTTGGAGTCAGTTACATGTGATGAGCCAGAAGCTAT
 CAACATGAGGAAGATAGGCCTATCATGGAAGGAGCCAACCAGCCAGAGAGCGGAGAGCAGAAGCCAGT
 AGGGGCTGAGCATGAAGATTAGTTCTGGACACTAAGACTGTTGTTATATCCAGCTCAGACCTGCGAGC
 CACAGGCTGGCCTCCAGTATCATGATGGAGTACTTGGGCCTTACCTGGTCCAGCCCTTGGTTCTGGGT
 CTGCAGACTGCTGTTGACCTCTGGCTTGGAGACATGCCCAAAGAAGGGCTGGCTGTTCTCATGGCGTG
 CTAAGCCAGTGCCTCAGAACTCAGGAGGCCAGCCTGGGGTCCAGAAGATGACCACCTTACCTTAGGACAG
 CCACTGGACTCAGCTTGTGGAGGGGGTCTGCTGGGCTGGAGTCTGTGCCTGGGGGGGTCTCCTGCTG
 CTTAGGCTCTTTGGGACCCCCCGCCATCTGTACCCTTCTTTGCACACTTCTCCCTCACCCCTGTT
 GCCTCTCTCACTTCGGTGTGGCCTGGAGGGGTGGGGTAAAGGTTGGCCCTTACCATT
 CATGCTTATTCCAGAATGAAGAGGCCAGTTCGTGGGCAGTAACCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_013750
Insert Size: 378 bp



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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).
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:	BC023408 , AAH23408
RefSeq Size:	1390 bp
RefSeq ORF:	378 bp
Locus ID:	27280
UniProt ID:	Q9WV95
Cytogenetics:	1 59.26 cM
Gene Summary:	p53/TP53-regulated repressor of Akt/AKT1 signaling. Represses AKT1 by preventing AKT1-binding to membrane lipids, thereby inhibiting AKT1 translocation to the cellular membrane and activation. Contributes to p53/TP53-dependent apoptosis by repressing AKT1 activity. Its direct transcription regulation by p53/TP53 may explain how p53/TP53 can negatively regulate AKT1. May act as a tumor suppressor (By similarity).[UniProtKB/Swiss-Prot Function]