

## Product datasheet for **MC218272**

### Ywhaq (BC106164) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ywhaq (BC106164) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ywhaq  
**Synonyms:** 14-3-3theta, RP23-402H11.1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >BC106164  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGAGAAGACCGAGCTGATCCAGAAGGCCAAGCTGGCCGAGCAGGCCGAGCGCTACGACGACATGGCCA  
CCTGCATGAAAGCCGTGACGGAGCAGGGCGCCGAGCTGTCCAACGAGGAGCGCAACCTGCTGTCGGTGGC  
CTACAAAACGTGGTAGGGGCCGAGGTCCGCCTGGAGGGTCATCTCGAGCATTGAGCAGAAGACCGAC  
ACCTCTGACAAGAAGTTGCAGCTGATCAAGGACTATCGGGAGAAAAGTGGAGTCGGAGCTGAGGTCCATCT  
GCACCACGGTCCCTGGAATTGTTGGATAAGTATTTAATAGCCAATGCAACTAATCCAGAGAGTAAGGTCTT  
CTATCTGAAAAATGAAGGGAGATTATTTCCGGTATCTTGCTGAAGTAGCTTGTGGCGATGATCGAAAAACA  
ACAATAGAAAATCCCAAGGAGCCTACCAAGAGGCGTTTGATATAAGCAAGAAGGAGATGCAGCCTACGC  
ATCCAATCCGCCTGGGGCTGGCTCTTAACCTTTCTGTATTTACTATGAGATCCTTAATAATCCAGAGCT  
TGCTGCACACTGGCTAAAACGGCTTTTGATGAGGCCATCGCAGAGCTTGATACTGAACGAAGACTCC  
TACAAAGACAGCACCTCATCATGCAGTTGCTTAGAGACAACCTAACATTATGGACATCAGACAGTGCAG  
GAGAAGAATGTGATGCAGCAGAGGGGGCCGAAAACCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** BC106164  
**Insert Size:** 738 bp



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<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="#">BC106164</a> , <a href="#">AAI06165</a>
<b>RefSeq Size:</b>	1492 bp
<b>RefSeq ORF:</b>	737 bp
<b>Locus ID:</b>	22630
<b>Cytogenetics:</b>	12 A1.3
<b>Gene Summary:</b>	Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. Negatively regulates the kinase activity of PDPK1 (By similarity).[UniProtKB/Swiss-Prot Function]