

Product datasheet for **MC207446**

Ywhaq (NM_011739) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ywhaq (NM_011739) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ywhaq
Synonyms: 2700028P07Rik; AA409740; AU021156; R74690
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207446 representing NM_011739
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGAAGACCGAGCTGATCCAGAAGGCCAAGCTGGCCGAGCAGGCCGAGCGCTACGACGACATGGCCA
CCTGCATGAAAGCCGTGACGGAGCAGGGCGCCGAGCTGTCCAACGAGGAGCGCAACCTGCTGCGGTGGC
CTACAAAACGTGGTAGGGGCCGAGGTCCGCCTGGAGGGTCATCTCGAGCATTGAGCAGAAGACCGAC
ACCTCTGACAAGAAGTTGCAGCTGATCAAGGACTATCGGGAGAAAAGTGGAGTCGGAGCTGAGGTCCATCT
GCACCACGGTCCGGAATTGTTGGATAAGTATTTAATAGCCAATGCAACTAATCCAGAGAGTAAGGTCTT
CTATCTGAAAATGAAGGGAGATTATTTCCGGTATCTTGCTGAAGTAGCTTGTGGCGATGATCGAAAACAA
ACAATAGAAAATCCCAAGGAGCCTACCAAGAGGCGTTTGATATAAGCAAGAAGGAGATGCAGCCTACGC
ATCCAATCCGCCTGGGGCTGGCTCTTAACCTTTCTGTATTTACTATGAGATCCTTAATAATCCAGAGCT
TGCTGCACACTGGCTAAAACGGCTTTTGATGAGGCCATCGCAGAGCTTGATACTGAACGAAGACTCC
TACAAAGACAGCACCTCATCATGCAGTTGCTTAGAGACAACCTAACATTATGGACATCAGACAGTGCAG
GAGAAGAATGTGATGCAGCAGAGGGGCCGAAAAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_011739
Insert Size: 738 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:	NM_011739.3 , NP_035869.1
RefSeq Size:	2110 bp
RefSeq ORF:	738 bp
Locus ID:	22630
UniProt ID:	P68254
Cytogenetics:	12 A1.3
Gene Summary:	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]