

Product datasheet for **RN201038**

Ywhag (NM_019376) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ywhag (NM_019376) Rat Untagged Clone
Tag: Tag Free
Symbol: Ywhag
Synonyms: 14-3-3G
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201038 representing NM_019376
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGGACCGGAGCAACTAGTGCAGAAAGCCGGCTGGCCGAGCAGGCGGAGCGCTACGACGATATGG
CCGCGGCCATGAAGAACGTGACAGAGCTGAATGAACCACTGTCCAACGAGGAACGGAACCTCCTGTCCGT
GGCCTACAAGAAGTGGTTGGGGCTCGCCGCTCCTCCTGGAGGGTCATCAGCAGCATCGAGCAGAAGACG
TCTGCGGATGGCAACGAGAAGAAGATAGAGATGGTCCGAGCCTACCGGGAAAAGATTGAGAAGGAGCTGG
AGGCCGTGTGCCAGGACGTGCTGAGCCTGCTGGACAACCTACCTGATCAAGAACTGCAGCGAGACCCAGTA
CGAGAGCAAGGTGTTCTACCTGAAGATGAAAGGGGACTATTACCGCTACCTGGCCGAAGTGGCCACTGGG
GAGAAAAGGGCGACCGTGGTGGAGTCGTCCGAGAAGGCCACAGCGAAGCCACGAGATCAGCAAGGAGC
ACATGCAGCCCACCCACCCATCCGGCTGGGCCTGGCGCTCAACTACTCCGTTTTCTACTACGAGATCCA
GAACGCCCCAGAGCAAGCCTGCCACCTGGCCAAGACCGCCTTCGATGACGCCATCGCCGAGCTCGACACT
CTGAACGAGGACTCCTACAAGGACTCCACTCTGATCATGCAGCTGCTCCGAGACAACCTAACGCTCTGGA
CGAGCGACCAGCAAGACGACGACGGCGGGAAGCAACAAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019376
Insert Size: 744 bp



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_019376.2 , NP_062249.1
RefSeq Size:	1634 bp
RefSeq ORF:	744 bp
Locus ID:	56010
UniProt ID:	P61983
Cytogenetics:	12q12
Gene Summary:	belongs to the 14-3-3 family of proteins; mediates signal transduction via activation of protein kinase C and calcium/calmodulin-dependent protein kinase II [RGD, Feb 2006]