

Product datasheet for MC209977

Ywhab (NM_018753) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ywhab (NM_018753) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ywhab
Synonyms: 14-3-3b; 1300003C17Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209977 representing NM_018753
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACCATGGATAAGAGTGAGCTGGTACAGAAAGCCAACTGGCTGAGCAGGCTGAGCGCTATGATGACA
TGGCTGCAGCTATGAAGGCCGTAACAGAGCAGGGACACGAACTCTCCAATGAAGAGAGGAATCTACTCTC
TGTTGCCTACAAGAACGTGGTAGGTGCCCGCCGCTCTTCTGGCGTGTCATCTCCAGCATCGAACAGAAA
ACCGAGAGGAATGAGAAGAAGCAGCAGATGGGCAAAGAGTACCGTGAGAAGATCGAGGCGGAGCTGCAGG
ACATCTGCAACGATGTGCTGGAGCTGTTGGACAAATATCTCATTCTCAATGCCACCCAGGCAGAAAGCAA
AGTGTCTACTTAAAAATGAAAGGAGACTACTTTAGGTATCTTTCTGAAGTTGCATCCGGAGAAAAATAAA
CAAACCACGGTGTCCAACCTCCAGCAGGCTTACCAAGAAGCATTGAAATCAGCAAGAAAGAAATGCAGC
CTACACACCCGATTGCGCTCGGCCTGGCGCTGAATTTCTCAGTCTTTACTATGAGATTCTAAACTCTCC
TGAAAAGGCCTGCAGCCTGGCCAAAACGGCATTGATGAGGCGATTGCTGAGTTGGACACCCTGAATGAA
GAGTCTTACAAAGACAGCACCCCTGATCATGCAGCTGCTCAGGGACAATCTCACCCGTGGACGTCAGAAA
ACCAGGGGGATGAAGGAGATGCTGGAGAGGGAGAGAAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_018753
Insert Size: 741 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_018753.6 , NP_061223.2
RefSeq Size:	2775 bp
RefSeq ORF:	741 bp
Locus ID:	54401
UniProt ID:	Q9CQV8
Cytogenetics:	2 H3
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. Negative regulator of osteogenesis. Blocks the nuclear translocation of the phosphorylated form (by AKT1) of SRPK2 and antagonizes its stimulatory effect on cyclin D1 expression resulting in blockage of neuronal apoptosis elicited by SRPK2. Negative regulator of signaling cascades that mediate activation of MAP kinases via AKAP13. [UniProtKB/Swiss-Prot Function]