

Product datasheet for **RN204276**

Ywhaz (NM_013011) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ywhaz (NM_013011) Rat Untagged Clone
Tag: Tag Free
Symbol: Ywhaz
Synonyms: 14-3-3z
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204276 representing NM_013011
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGATAAAAATGAGCTGGTGCAGAAGGCCAAGCTGGCCGAGCAGGCAGAGCGATACGATGACATGGCAG
CCTGCATGAAGTCTGCTCACTGAGCAAGGAGCCGAGCTGTCTAACGAGGAGAGGAACCTTCTCTGTGG
TTATAAAAACGTTGTAGGAGCCCGTAGGTCATCTTGGAGGTCGTCTCGAGTATTGAGCAGAAGACGGAA
GGTGCTGAGAAAAAGCAGCAGATGGCTCGAGAATACAGAGAGAAGATCGAGACGGAGCTGAGGGACATCT
GCAACGACGTA CTGTCTTTTTGGAAAAGTTCTTGATCCCAATGCTTCGCAGCCAGAAAGCAAAGTCTT
CTATTTGAAAATGAAGGGTGACTACTACCGCTACTTGGCTGAGGTTGCTGCTGGTGATGACAAGAAAGGA
ATTGTGGACCAAGTACAGCAAGCATACCAAGAAGCATTGAAATCAGCAAAAAGGAGATGCAGCCGACAC
ACCCCATCAGACTGGTCTGGCCCTCAACTTCTCTGTGTCTACTATGAGATCCTGAACTCCCGAGAGAA
AGCCTGCTCTCTTGCAAAAACAGCTTTTGATGAAGCCATTGCTGAACTTGATACATTAAGTGAAGAGTCG
TACAAAGACAGCACGCTAATAATGCAGTTACTGAGAGACAACCTTGACATTGTGGACATCGGATACCCAAG
GAGACGAAGCAGAAGCGGGAGAAGGAGGGGAAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013011
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_013011.3 , NP_037143.2
RefSeq Size:	1815 bp
RefSeq ORF:	738 bp
Locus ID:	25578
UniProt ID:	P63102
Cytogenetics:	7q22
Gene Summary:	30kDa component of the mitochondrial import stimulation factor, a protein complex that facilitates the import of in vitro synthesized precursor proteins into mitochondria [RGD, Feb 2006]