

Product datasheet for RN202111

H2afy (NM_017182) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: H2afy (NM_017182) Rat Untagged Clone
Tag: Tag Free
Symbol: H2afy
Synonyms: MGC105515
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202111 representing NM_017182
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCGAGCCGTGGTGGGAAGAAGAAATCCACCAAGACCTCCCGGTGAGCAAGGCCGGGTCATCTTCC
CCGTGGGACGGATGCTGCGGTACATCAAGAAAGGCCACCCTAAGTATCGGATCGGAGTGGGGCGCCTGT
GTACATGGCTGCCGTACTGGAATACCTGACCGCTGAGATCCTGGAGCTGGCCGGCAATGCAGCGAGAGAC
AACAAAGAAGGGCGGGTACACCCGCGGCACATCCTGTTAGCAGTGGCCAATGATGAGGAGCTAAACCAGC
TGCTAAAAGGAGTCACCATAGCCAGTGGGGCGTGTGCCGAACATCCATCCTGAGTTGCTAGCGAAGAA
ACGAGGATCCAAGGAAAATTGGAAGCCATCATCACGCCTCCACCAGCAAAAAGGCCAAGTCTCCATCC
CAGAAGAAGCCAGTGGCTAAGAAAACAGGAGGCAAGAAAGGGGCCGGAAGTCTAAGAAGCAGGGAGAAG
TCAGCAAGGCAGCCAGCGCAGACAGTACAACGGAGGGCGGCCTACAGACGGCTTTACTGTCTCTCTAC
CAAGAGCCTCTTCTCGCCAGAAGCTGAACCTTATTCACAGTGAATCAGTAATTTAGCCGGCTTTGAG
GTGGAGGCCATAATCAATCCTACCAATGCTGACATTGACCTTAAGATGACCTAGGAAGCACACTGGAGA
AGAAAGGTGGCAAGGAGTTTGTAGAAGCTGTTCTGGAACCTCGGAAAAAGAAATGGGCCCTTGGAAAGTAC
TGGAGCTGCTGTTAGTGCAGGCCACGGCTGCCTGCCAAGTTTGTGATCCACTGTAAACAGTCTGTCTGG
GGCGCAGACAAATGTGAAGAACTTCTAGAAAAGACGGTGAAAAACCTGCCTGGCTCTAGCTGATGACAGAA
AGCTGAAGTCCATCGCCTTCCCCTATTGGCAGTGGCAGGAACGGGTTCCCGAAGCAGACAGCCGCCCA
ACTCATTCTGAAGCCATCTCCAGCTACTTTGTGTCCACTATGTCGTCCTCCATCAAACTGTGTACTTT
GTGCTTTTTGACAGTGAGAGCATAGGCATCTACGTGCAGGAAATGGCCAAACTGGATGCCAACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017182



Insert Size:	1116 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:	<u>NM_017182.2</u> , <u>NP_058878.1</u>
RefSeq Size:	1858 bp
RefSeq ORF:	1116 bp
Locus ID:	29384
UniProt ID:	<u>Q02874</u>
Cytogenetics:	17p14
Gene Summary:	a core histone [RGD, Feb 2006]