

Product datasheet for MC203132

Yeats4 (NM_026570) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Yeats4 (NM_026570) Mouse Untagged Clone
Tag: Tag Free
Symbol: Yeats4
Synonyms: 4930573H17Rik; B230215M10Rik; GAS41; NuBI-1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC020043

```
CCAGCTCGGGGCTGAATGGCCGACCCCGACGCGGCGGTGTGGAGGAGGTGGCTGTCCGGCTCCCCGAGC
CCAGGCGACCCGCCCTCCTCCGGCTCGTGAGGGGAGCGGCTACCCCGCCGGCCTGAGCTCTCTCCCTGGC
CGCCGCGGCTCCTTCCCGGGGACAATATGTTCAAGAGAATGGCGGAATTTGGACCTGACTCCGGCGGGAG
AGTGAAGGGGTTACCATCGTTAAGCCAATCGTTTATGGCAATGTTGCCAGGTACTTTGGAAGAAGAGA
GAAGAAGACGGGCACACTCACCAGTGGACTGTGTACGTGAAGCCCTACAGAAACGAGGATATGTCAGCAT
ATGTGAAGAAGATCCAGTTTAAATTACACGAAAGCTACGGCAATCCTCTAAGAGTCGTCACCAAGCCTCC
ATATGAAATCACAGAAACAGGATGGGGTGAATTTGAAATCATCATCAAGATATTTTTATTGACCCCAAC
GAGAGACCTGTGACTCTGTACCCTTACTGAAGCTCTTCCAGTCTGACACCAATGCCATGCTGGGAAGA
AAACAGTGGTTTCAGAGTCTATGACGAAATGATATTTCAAGACCAACGCAATGATGCAGCAGCTGCT
TACGACGCTCTCGCCAGCTGACATTGGGAGCCTATAAGCACGAAACAGAGTTTGCAGAACTTGAAGTGAAA
ACCAGAGAAAAATTAGAAGCTGCCAAGAAAAAACAAGCTTTGAGATTGCGGAGCTTAAGGAGAGATTAA
AAGCAAGTCGTGAACTATAAACTGTTTAAAAATGAAATCAGGAAGCTTGAAGAAGACGATCAGACGAA
AGACATTTGAGCAACTGGCGGTAAGTCGGCTGCAGAGCCAGGGCCCGCGGAGTTTCTGGGAGGAGCTGC
GAGTGGCGTCCCCAGCTGGCCGTGGCTTCTCAGAGAGGACTCCAGGTACCCACACTGTCAGGCTGCCTC
CCGGGGCACATGTGTGCTAAGACTCGATGCTGGGTAGCATTCCACGATGTTAAGCACAACTTTTAAAG
TGTTTGTGTTTGTAAATTTAACTCTATGTGTAGTTTATCCTCCTCAGGCAGGCGTAGCGGTTGTGTTG
TAAAGTCTAACGTGTGCGGGTTTTGTACCTCTCTCCTAGGTAGGATTAGTGACTGGTATGTGTGTTTGT
TCTTCAGGTCCACATCTGCCCGGTCTACCTCTTTGTATATGATGTATCTAGGAAGTGTTAATAAATG
TAGTTTACTGCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
```

Restriction Sites: RsrII-NotI
ACCN: NM_026570
Insert Size: 684 bp



[View online »](#)

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:	BC020043 , AAH20043
RefSeq Size:	1306 bp
RefSeq ORF:	684 bp
Locus ID:	64050
UniProt ID:	Q9CR11
Cytogenetics:	10 D2
Gene Summary:	Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage (By similarity). [UniProtKB/Swiss-Prot Function]