

Product datasheet for **RN207447**

Yeats2 (NM_001109057) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Yeats2 (NM_001109057) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Yeats2
Synonyms:	RGD1566176
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207447 representing NM_001109057 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGTCTGGAATCAAGCGCACAATCAAAGAACTGACCCTGATTATGAGGATGTGTCTGTGGCCCTGCCAA
GTAAACGGCACAAGCGATTGAGAGCTCAGCTCGAGATGCAGCTGTGCAGAAAATTGAGACGATTATTAA
GGAGCAGTTTGCCTTGAATGAAGAATAAGGAACATGAGATTGATGTCATTGACCAGCGGCTGATTGAA
GCCAGAAGGATGATGGATAAGCTCCGAGCCTGCATTGTAGCAAATATTATGCATCGGCTGGTCTCCTGA
AGGTTTCTGAGGGATTAAGACATTTGATCCCATGGCTTTTAACCACCCTGCTATCAAGAAATTTTGGGA
ATCACCTTCTAGGTCATCGTCTCCTACTAATCAGAGATCAGAAACACCATCTGCCAATCACTCTGAAAGT
GACTCTTTATCTCAGCACAATGACTTCCATCTGACAAAGACAATAACAGCAACGTGGATGTGGAGGAAA
GGCTCTCAAGCATCGGGGAGCAGAGACTGAGCCGGAACACGGGAAGGGACACGTCTAGTATTAGTGGCTC
CCACAAACGAGAACTACGGAGCGCCGACCTCGCAGGAGATGAGACTTCCCGACTGTTCTGTAAGAAGACA
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AGTGGATGGTGTATGTCCGAGGGTCGCGCAGGGAGCCAGCATTAAACCACTTTGTCAAGAAAGTTTGGTT
CTTCCTTCATCCGAGCTACAAACCAATGACCTCGTGGAGTTAGAGAGCCCCCTTTACCTGACTAGA
AGAGGCTGGGAGAGTTTCTGTGAGAGTCAAGTTCACTTTAAGGACAGCCAGAACAAGCGGATAGATA
TCATACACAATCTGAAGCTGGATAGGACCTACACTGGCTTGAGAGCCCTGGGCGCCGAGACGGTAGTGGA
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GACGCCCTCCTCCATCCCTGACGATTCCAGCCCCAGTGAAGCCCTACCAAGTGGACGCGTCCCCTGAGC
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CTGAGTACCCCGCAAGTCCTTCAGCCCATCACCATGAGCTGTAAGATCGTCTCAGGTTCTCCAATATC
AACTCCAAGTCCATCACTGCTCGCACACCACTTCACTCCGGTTCATTTGAAGCAAGGCTCTGCC



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AGTGCTGGTATCAGCAACCCCCATGCTATTGTGGATAAGCCTGGGCAGGCTACTGGAGCCTCCGCCCCGA
GTGCAGGAAGTCTACAAGCAAGCTTCCAGTGGCTTCTCAGGCTTCCCAGGGAACAGGGTCCCCTGTTCC
TAAATCCATGGAAGTAGTTTCTGACATCCACTGTGAAGCAGGAGGATTCTTTATTTGCATCTATGCCA
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AGCCAGGCTACCATGGCGACCTGCAAGGCCACAGCTCCTGCTGCCGTACTGCCGCGTCCCTGGTCTCTG
CACCAAGTCCATCTCTGGGAAAGCCACAGTGTGAGGATTGTTAAAAATTCATTCCGGTCAGTGCAGTCC
CCAGCAGGCGGTCTGACAATTCCAGTCAACTCAAGCCACTGAGTATCAACACCTCTGGTGGCGTGCAG
ACTGTCTGATGCCTGTGAATAAAGTGGTTCAGTCATTTTCTACCAGCAAATTACCTACCGTCTGCCCA
TAAGTGTTCAAAATCCCCTGCCCCAGCCCTGCTCCAGTAACAATCGAAAAGTGAAGACGGAACCAGA
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CTGGAACATTGGCAAAAGGAGGGCTGCTGAGTGGCAAAGAGCGATGACCGTAAGGAAAGTGTACAAGAA
ATCCTGGAGCGGAATCCAAGGTTCCACCACCTGACAGCCCTCAAACCAAGCACATCGCGCACTGGTGCC
GCTGCCATGGTTACACCCGCGCAGACCCGAGAGCCTGCGACATAATGGAGACTCCATCGAGGATGTGCT
GACCCAGATCGACAGTGAACCAGAGTGTCTGTCGTCTTCTCCACTGCCGATGACCTCTGCCGAAAGCTG
GAGGACCTGCAGCAGTTTCAGAAAAGGGAGCCTGAGAATGAGGAGGAAGTGGATATCCTCAGTCTGTCTG
AGCCTCTGAAGACAAACATTAAGAGGAGCAGGAAGAAAGCAGGAGGAAATGAGATTCTATCTGCCACC
AACCCAGGCTCTGGATTTGTTGGTGACATTACACAGAAGATCGGGATCACCTTGACGCTGTGGCACTG
CACAGGAACATGTATGCCTCAGTAGTAGAAGACATGATCTTAAGGCCACGGAGCAGCTGGTGAGTGACA
TCTTGAGACAGGCCCTGGCAGTTGGATACCAGACAGCATCTCCCAACAGGATCCCAAAGAAATTACAGT
GAGTAATATTATCAGGCCATTTGCAACATTCCTTTCTGGATTTCTCACGAACAAACATGCGGAGGA
CTGAACGAGGATCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001109057
Insert Size: 4218 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:	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_001109057.1, NP_001102527.1</u>
RefSeq Size:	5747 bp
RefSeq ORF:	4218 bp
Locus ID:	498112
Cytogenetics:	11q23