

## Product datasheet for **RR203248**

### **Aatf (NM\_053720) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Aatf (NM_053720) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Aatf
Synonyms:	Ded
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RR203248 representing NM\_053720  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGAGCTGCAGCCCCTGGCTCTGCAGCTGGAACAGTTGTTGAATCCAAGACCCGCTGAGGCGGATC  
 CTGAGGCGGACCCGGAGGAGGCCACTAGAGCCAGAGTGATTGACAGGTTTGATGAAGGGGAAGAGGAAGA  
 AGATGATCTGCCAGTGAGTAGTATTAGAAAAGTTGGCACCGGTCTCCCTCTTGACACCGACAAAAGGTAT  
 TCTGGCAAGACCCTTCTCGAAAAGCTTGAAAGAAGACCATTGGGACCAGACTCTGCCAAGTTCATCGG  
 ACAATGAAATACCTGATGAAGGAGGCTCTGAAGCTGGGATTGAGAGGCTGGAGGAGCTCTCAGAAGA  
 TGTGAGGAAGACTTGAAAGACAATGAAATACCTGATGAAGGAGGCTCTGAAGATGGGGATTGAGAGGCT  
 CTGGAGGAGGAGATCTCAGAAGATGTTGAGGAAGACTTAGAAGGTGAGGATGAGGAAGACAGAGAAGAGG  
 ACAGGAACAGTGAAGATGACGGCGTGGTATGGCCTTCTCCGGTGTAAAGTTTCTGAGGAAGTGGAAAA  
 AGGAAGAGCTGTGAAGAACCAGATAGCGTTGTGGGACCAGCTCTTGAAGGAAGGATCAAACACAAAAA  
 GCTCTCTTGACTACCAATCAATTGCCTCAACCAGATGTTTTCCCTGTCTTCAAGGACAAAAGTGGCCAG  
 AATTTGCCAGTGCTCTGAAAAATAGTCACAAAAGCACTTAAAGCATTGTTAAGATCATTGGTGGATCTTCA  
 GGAAGAGTTGCTTTCCAGTACCCAGATACAAGATATTTAGTAAAAGGGACGAAACCCAATGCAGAGAGT  
 GAGGAGATTTCCAGTGAAGATGATGAGCTAGTGGGAGAGAAGAAGAAACAAAGAAAGGCCCAACAAAGA  
 GGAAGCTAGAGATGGAGGACTATCCAGCTTATGGCAAAGCGCTCTGCTGACTTTACCGTCTACAGGAA  
 CCGCACACTACAAAAATGGCATGATAAAACCAAGCTTGCCTCTGGAAAACGGCAAGGGTTTCGGTGCC  
 TTTGAACGCTCCATCTTGACTCAGATTGATCATATTCTGATGGACAAAGAAAGATTACTTCAAGGACGC  
 AGACCAAGCGCTCTGCCTACCGAGTTCTTGGCAAACCTGAGCCAGTCCCTGAGCCTGTTGCAGAGACTTT  
 GCCAGGAGAACCAGAGAGCCTTCTCAGGTCCTGCAATGCTCACCTGAAGGACTTGGACGAGGAGATA  
 TTTGATGATGACTTCTACCACAGCTCCTTCGAGAAGTCAAGAGCGGAAGACCAGCTCTTTGGATC  
 CAAATGATCAGGTGGCCATGGGAAGGCAGTGGCTTGAATCCAGAAACTACGAAGCAAAATCCGCAAGAA  
 GGTAGATAGAAAAGCCAGCAAAGGAAGAAACTTCGGTTCATGTGCTTAGCAAGCTCCTGAGTTTCATG  
 GCGCCTATTGACCACACTGCAATGAATGATGAGGCCAGGACCGAGTTGTATCGATCTCTTTTCGGCCAGC  
 TCAACCGTCTGGACGCAGACCATGGGCAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR203248 representing NM\_053720  
 Red=Cloning site Green=Tags(s)

MAELQPLALQLEQLLNPRPREADPEADPEEATRARVIDRFDEGEEDDLPVSSIRKLAPVSLDLDTKRY  
 SGKTTSRKAWKEDHWDQTLPSSSDNEIPDEGGSEAGDSEGLEELSEDVEEDLEDNEIPDEGGSEGDSE  
 LEEI SEDVEEDLEGEDEEDREEDRNSDDGVVMAFSGVKVSEEEVEKGRAVKNQIALWDQLLEGRIKLQK  
 ALLTTNQLPQPDVFPVFKDKGGPEFASALKNSHKALKALLRSLVDLQEELLFQYPDTRYLVKGTKPNAES  
 EEI SSEDELVGEKKKQRKAPPRKLEMEDYPSFMAKRSADFTVYRNRTLQKWHDKTKLASGKLGKGF  
 FERSILTQIDHILMDKERLLRRTQTKRSAYRVLGKPEPPEPVAETLPGEPESLPQVPANAHLKDLDEEI  
 FDDDDFYHQLLRELIERKTSLLDPNDQVAMGRQLAIQKLRSKIRKKVDRKASKGRKLRFHVLSKLLSFM  
 APIDHTAMNDEARTELYRSLFGQLNRLDADHGQ

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI



<b>ACCN:</b>	NM_053720
<b>ORF Size:</b>	1569 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_053720.1</a> , <a href="#">NP_446172.1</a>
<b>RefSeq Size:</b>	1805 bp
<b>RefSeq ORF:</b>	1572 bp
<b>Locus ID:</b>	114512
<b>UniProt ID:</b>	<a href="#">Q9QYW0</a>
<b>Cytogenetics:</b>	10q26
<b>MW:</b>	59.5 kDa
<b>Gene Summary:</b>	an apoptosis antagonizing nuclear phosphoprotein transcription factor [RGD, Feb 2006]