

Product datasheet for **RR209912**

Baat (NM_017300) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Baat (NM_017300) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Baat
Synonyms:	kan-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR209912 representing NM_017300 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCAAGCTGACAGCTGTTCTCTCAGTGCCTTGTGATGAGCCTGTGCATATCCGGGTCACAGGCC
TGACCCCTTCCAGGTGGTGTGCCTTCAGGCATCACTGAAAGATGATAAGGGAACTGTTAATTCTCA
GGCCTTCTACAGGGCCAGTGAAGTGGGTGAGGTAGATCTGGAACGTGATTCCTCTCTGGAGGAGACTAC
ATGGGGTCCACCCATGGGTCTTTTCTGGTCCATGAAACCTGAAAAGCTATTGACTAGATTGGTAAAA
GAGATGTGATGAATAGGCCCCACAAAGTCCACATAAAAACCTTGGCCATCCATACTTTCCAGTAGAAGGCAA
AGTTATCAGTTCTCTCTGGATAGTCTGATTCTGGAAAGGTGGTATGTGGCACCTGGTGTCACTAGGATC
CATGTAAGGAAGGCCGAATCCGGGGAGCCCTGTTTCTGCCTCCAGGAGAAGGTCTTTCCAGGGGTCA
TTGACTTGTGGAGGAGCTGGTGGACTGTTGAGTCCGGGCCAGCCTCCTGGCCAGTCATGGCTTTGC
CACTTTAGCTCTGGCTTACTGGGCTATGATGACCTGCCTCTCGACTGGAGAAGGTAGATCTAGAGTAT
TTTGAAGAAGGTAGAGTTTCTCTGAGACATCCTAAGTCTGGGCCAGGGGTTGCCATCCTTTCTG
TGTGCATTGGAGCAGAGATTGGACTTTCTATGGCTATTAACCTAAAACAGATAACAGCCTGTACTTAT
AAATGGGCCTAATTTGTTTCTAGCAATCCACATGTATATCGTGGTAAGGTCTTCCAGCCTACACCCTGC
AGTGAAGAATTTGTAACCAATGCTTTGGGACTTGTAGAGTTCTATCGAACCTTTGAGGAACTGCAG
ATAAGGATAGCAAATACTGTTTTCCATTGAAAAGCTCACGGACATTTTCTTTTCGTGGTGGGAGAAGA
TGATAAGAATCTCAACAGCAAAGTGCATGCTAAGCAAGCCATAGCCAGCTGATGAAAAGTGAAAAGAAG
AACTGGACTCTGCTGTCTTACCCTGGGGCAGGTACCTGATTGAGCCTCCTACTCCCCTGTGCTCAG
CCTCAAGGATGCCCTTTGTAATCCCAAGCATCAACTGGGGAGGAGGTTATCCCACACGCAGCTGCGCA
GGAACATTCTTGAAGGAGATACAGAAATTTCTCAAGCAGCATCTTAATCCAGGTTTCAACAGTCAGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR209912 representing NM_017300
 Red=Cloning site Green=Tags(s)

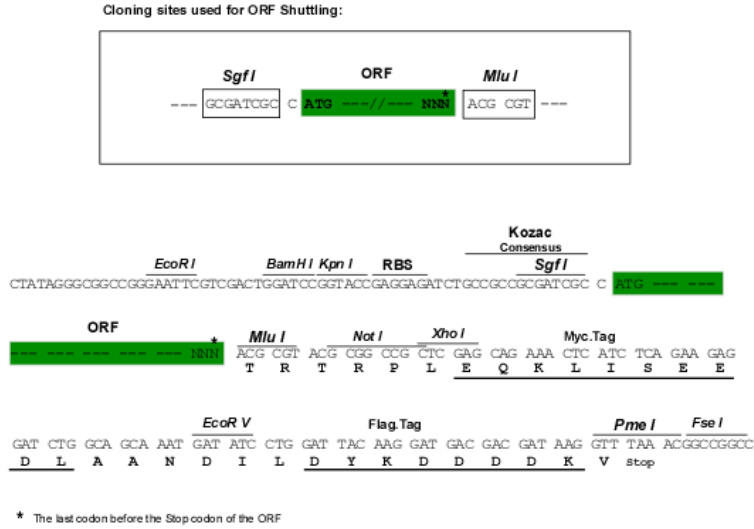
MAKL TAVPLSALVDEPVHIRVTGLTPFQVVCLQASLKDDKGNLFNSQAFYRASEVGEVDLERDSSLGGDY
 MGVHPMGLFWSMKPEKLLTRLVKRDVMNRPHKVIKLCHPYFPVEGKVISSSLDSLILRWWYVAPGVTRI
 HVKEGRIRGALFLPPGEGPFPGVIDLFGGAGLFEFRASLLASHGFATLALAYWGYDDLPSRLEKVDLEY
 FEEGVEFLLRHPKVLGPGVGILSVCIGAEIGLSMAINLKQITATVLIINGPNFVSSNPHVYRGKVFQPTPC
 SEEFVTTNALGLVEFYRTFEETADKDSKYCFPIEKAHGHFLFVVGEDDKNLNSKVHAKQAIQLMKSGKK
 NWTLLSYPGAGHLIEPPYSPLCSASRMPFVIPSINWGGEVIPHAAAQEHWSKEIQKFLKQHLNPGFNSQL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

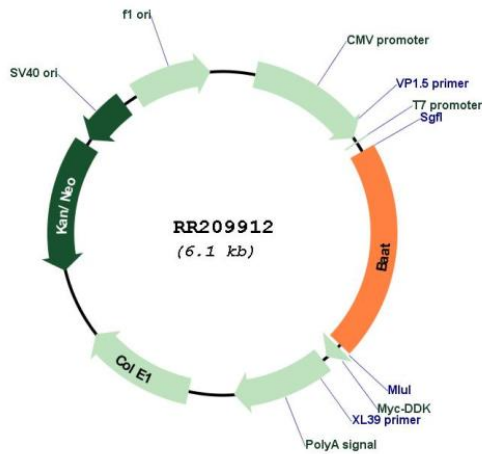
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_017300

ORF Size:	1260 bp
OTI Disclaimer:	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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_017300.2 , NP_058996.2
RefSeq Size:	1734 bp
RefSeq ORF:	1263 bp
Locus ID:	29725
UniProt ID:	Q63276
Cytogenetics:	5q22
MW:	46.5 kDa
Gene Summary:	may play a role in acute phase response [RGD, Feb 2006]