

Product datasheet for **RR211703**

Bach1 (NM_001107113) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bach1 (NM_001107113) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bach1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR211703 representing NM_001107113
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGTGAGTGAGAGTGCAGTGTTCCTACGAGTCTCTGTGCACAGCACCAACGTCTTGCTCAGCC
 TCAATGACCAGCGGAAGAAGGATGTGCTGTGCGATGCTACTGTCTGGTGGAGGGCCAGCAGTTCGGAGC
 CCACCGCTCGGTGCTGGCTGCATGCAGCAGCTACTTCCACTCGCGAATCGTAGGCCAAACTGATGCCGAG
 CTCACCATCACACTGCCGAAGAGGTAACAGTTAAAGGATTTGAACCTTTAATTCAGTTTGCCTACTG
 CCAAACCTATTTAAGTAAAGACAATGTTGACGAAGTCTGCAAGTGTGGAGTTTCTAAGCGTACACAA
 TATCGAGGAATCCTGCTTTCAGTTTCTCAAGTTTAAAGTTTTGGACTCCACCTCAGAGCAGCAGGGATGT
 GCAAGAAAAAGTGCTTCTCCTCACACTGTCAGAAAGCAGATTTAAATTTTCATTTTCAGAACAGAAAG
 ATCTAGAAATGATGAAGCAGATGAATTCCTTGAAGAAAAAGTCTCAGACTTCTCATTGTGACTCCCA
 AAGATGTCAGGGCAATGTAAAGCATCCCCCATCTCCAAGACAGTGTGGTCCGACGTGCCAGTCCATG
 TGGTGGACAAGGACGGAGCCCTGGCACTGCCATCTTTATGCCCAAATATAGAAAGTTCAGAAAGCAT
 TTGGAACCGACAAGATCCGAACCTTGAATCCGGCGTCAGAGATGTTTCATGCTGCCTCTGTCATCCAAA
 GGAGACATCTGAACTTGAGTGTTTAGGGGGAGCGCAGGGCTGTGCAGATTTACAAGTGTCTTAAAATGT
 GAAGGGATGAAGCCAGCCATGGAGAGGGAAGACACAAAGTCAAAGACCCCGCCCTCAGTGTCTCGAG
 AGCAGGCTGAAGTGACTGCTTTGTCCCAGGATTCTGCTGGACCTCACGGGCTCTATTCCCTGTGGTCT
 ACACACATACGAGCAGTCAAGGATGTGGGCTTCTGGGCTGCAGAGTAAAACAGTGAAGAACAGAAAAG
 CCTCTGTTGGGTCAGATGCCAGGACGAGAAGCCATTGAAAAATCAGGAATTATACCTGAAGTCTAACA
 TGGGACCCAAAGAAGACAGCAGCAGCTTGCCTCCGAGGATCGGAGTGTGGAGCGAGAGGTGGCAGA
 GCACCTGGCCAAAGGCTTCTGGAGTGACATTTGCAGCAGGACTCGCCTTGCCAAATGCAGTTGTATCC
 GCTGTGGCCAAAGATGGCTCAGAACAGGGCTACTCTCAAAGCGATCTGAGTGTCCCTGGTTGGGTATCA
 GGATCAGCGAGAGCCCGAGCCAGGCCAGCGGACTTTCACAACTCTCAGTTCGGTCAACTGCCCTTTTAT
 TAGTACTCTGAGTTCTGAAGGCTGCTCAAGCAACTTGAAATTTGAAACTATGATTACGTCGAGAGCCT
 CAGCAGGAGCCTTGCCCGTATGCTTGTGTGATCAGTTTGGGAGATGACTCGGAGACCGACACGGAAGGCG
 ACAGCGAGTCTGTTCTGCCAGGAGCAGGACTGTGAGGTGAAACTGCCTTTCAATGCTCAACGAATAAT
 TTCGCTCTCACGAAATGATTTCCAGTCTTGTGAAAAATGCACAACTGACCCAGAGCAGCTGGACTGT
 ATCCATGACATCCGAGGAGGCAAGAACAGGATCGCTGCCAGCGCTGTGCAAGAGGAAGCTCGACT
 GCATCCAGAACCTTGAGTCAGAAATGAGAAGCTGCAAAATGAAAAGGAGAGCTTGCTGAAGGAGCGAGA
 TCACATTTTGTCAACGCTCGGGGAGACAAAGCAGAACCTTACCGACTTTGTCAACAAGTGTGCAAGGAA
 GCCGCACTGAGTCCAGAGCAGATTCAGATCCTCGCCAAGTACTCAGCCTCAGACTGTCCGCTTTCTTTT
 TAATTTCTGAGAAAGGAAAAAGTACTCCTGACGGCGAGCTTCTTTTACTTCAGTTTTCAGTGTGTCTGA
 CATGCCTCAACTGCACCACCTCCCTGTGGGCGAGGGAGCACCAGCGCCCGCCAGGAGCTTGTGCAGGAG
 TCTCAGCAACCACACAGCCACCCGGAGCAGGCCACGCTGTTGGAACCCTGTCCGCAGAGTGTGGGA
 TCTCAGACTTCTGTCAGCAGATGCTGACAAGTGTACTACTGATGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR211703 representing NM_001107113
 Red=Cloning site Green=Tags(s)

MSVSESAVFAYESSVHSTNVLLSLNDQRKKDVLCDVTVLVEGQQFRAHRSVLAACSSYFHSRIVGQTDAL
 LTITLPQEVTVKGFEP LIQFAYTAKLILSKDNDEVCKCVEFLSVHNIIEESCFQFLKFKFLDSTSEQQGC
 ARKKCFSSHQKADFKFSFSEQKDLEIDEADEF FEKKS AQTS HCDSQR CQGNVRASPHLQDSVGP TCQSM
 CVDKDGALALPSLCPKYRKFQKAFGTDKIRTLESGVRDVHAASVHPKETSELECLGGAQGCADLQVILKC
 EGMKPAMEREDTKCKDPAPQCPAEQAEVTALSQDSAGPHGLYSLSVLHTYEQSGDVGFPLGQSKTVKTEK
 PLLGPDAQDEKPLENQELYLKS NMGPKE DSSSLASEDRSSVEREVAEHLAKGFWSDICSTDSPCQMQLSS
 AVAKDGEQGYQRRECPWLGIRISESPEPGQRTFTTLLSSVNCPISTLSSEGCSSNLEIGNYDYVAEP
 QQEPCPYACVISLGDSETDTEGDESECSAREQDCEVKLPFNAQRIISLRNDFQSLKMKHLTPEQLDC
 IHDIRRRSKNRIAAQRCKRKLDCIQNLESEIEKLNQEKESLLKERDHI LSTLGETKQNL TGLCQQVCKE
 AALSPEQIQILAKYSASDCPLSFLISEKGKSTPDGELPFTSVF SVSDMPPTAPPCGRGSTAARQELVQE
 SQPTTTATPEQATLLEPCRQSAGISDFCQQMSDKCTTDE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

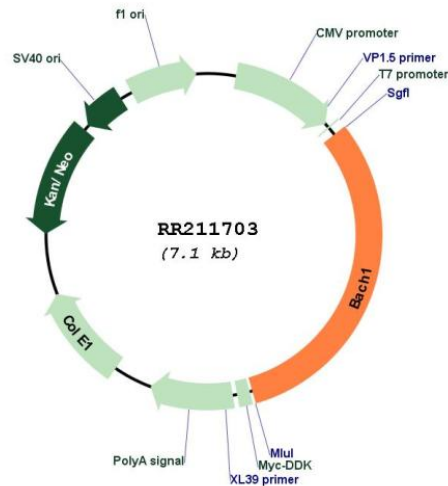
Sgfl-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001107113

ORF Size: 2217 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:

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_001107113.1](#), [NP_001100583.1](#)

RefSeq Size: 3232 bp

RefSeq ORF: 2220 bp

Locus ID: 304127
Cytogenetics: 11q11
MW: 81.5 kDa