

Product datasheet for **MR219026**

Bahd1 (NM_001045523) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bahd1 (NM_001045523) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bahd1
Synonyms:	AL022997; AW541238; Gm117; mKIAA0945
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR219026 representing NM_001045523
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACACACACTCGGAGGAAGTCCCTTCTATGCTAAGTTCGGCCCCACTGGCCGAGGGGAACCCCTGC
 AGATGGAAGACAGCAATATGGAGCAGGGGACTGAAGACGTGGAGCCGGGCATGCCTGAGAGCCCTGGGCA
 CCTACGGGGCGCCGCAAGAAGTACCCATTGCGCAAACGTTCACTGGTCCCGAGAAGCCAAAGCCTGC
 AAAGTGCTGCTGACTCGCCTGGAAAACGTGGTGGCCCGCAAGCGCAGATGAGGCAGATGAGCTGCCCC
 CTGACCTGCCAAGCCCCGAGTCCGACCTCGTCCAGTGAGGATGCTGGTCTCGTGCAGCCCCGCAAGCG
 GCGCCTCGCTCCCTAATGCAGAGGCCCTAATAATCTGCTACTGGAGAGGGAGGAGACCAGCAGCCTG
 GCAGGTGCCCGCCGAAGCAGAGGGCGGGACCCTACCCTAGCCGGGACCGGGCCACGGGGTCTGGTCTT
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 AGATGAAGGTGCCCGTCGAGATGGAGACCCGGCTCCCAAGAGACTGGCTAGCTTAAACGCCGCTGCCTTC
 TAAAAACTCAGCCAGGAGCGGGAGCTACCTCTTCGACCTTCTCGTCTCAAGCAGAAGCAGATGGGCGCT
 CCACCGAGCCCCGTCACCCAGGATCCTGCGGCCAAAGGTCAACGGCAAGAACTGTCCAAAGGCTCGGCA
 AGGAGCTGGTCTGGGGAGGCTACAGGGCCTCCCAACTGGCAAGAGCAGCCCAATGAGCGTTGGCCGTCT
 GCTCCTCTCATGGGCCACCCACCCAGCCTCACCAGGCCCCAGGCAAGGCTCTGGAGAACCCTGGTTC
 GCCCAACCTGCCTCTGCTGATGGGTGGCAGGCAGCCCTGAAGCCAGAGCCTGGGCGTCCAGGAGAGGA
 GTCACCTGCCCAAGCAGGAAGTGCATCAGCCCTCCTCCCTGCGCCTCAGTGTCTCCGCTGCCGATG
 CCTGGCAACCCAGCCGACTACAGTGGTCCATGTGGTGGCCTGAGCTCACAGCGCTGGGCAGCTTCTACC
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 GTCTCCGGTGGCAGCCCCAATGAGGGGCTGCTCATGGCCCCAGCTCAGTGCCCTCTGGCGTCCCTTTC
 CAGCACCTCCTTGGAGCGCACCTCGTACTGCTCCAGTGAGGACACTGGAGCGAATGGCTACAGCATCT
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 CACCCCAAGCAGCCGCTGCCAGCGCCACGCTCTCGCCGCCCGGGCCGCGCCGCACTAATGGCTGGG
 TGCTGTAGGTGCTGCCTGTGAGAAGGCAGTGTATGTCCTGGATGAGCCAGAACCCTGCCATCCGAAAGAG
 TTACCAGGAGTCGAGCGACATGGAGAGACAATCCGGGTCGAGACACTGTCTCCTCAAGTCAGGCCCA
 AGAAAGACGTCTACACCTTATGTGGCAAGATCTCTGCCCTCTGGGAGAACCTGAGTCAGGAGAGCTGA
 TGATGAGCCTCCTGTGGTATTACAGGCTGAGCACTTACAGGGAGGTCGAGCCCCAGCATGCATGAGCC
 TTTGCAAGTGAAGTTTTGTCATCAAGACATCAGGACCAGAACAGTGTGGCCTGCATTGAAGAGAAGTGC
 TATGTGCTAACCTTTGCTGAGTACTGCAGATTCTGTGCCATGGCCAAGCGCCGGGTGAGGGCCTCCCA
 GCCGGAAGACAGCACTGGTGCCCCATCTGCAGACTACTCCACCCACCACCCGACAGTGCAGGAGGA
 CACGGACCCTGAGCTGGTGTCTTTGCCGCCATGTCTATGACTTCCGCCATGGCCGATCCTCAAGAAC
 CCCCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR219026 representing NM_001045523
Red=Cloning site Green=Tags(s)

MTHTRRKSLPMLSSGPTGRGEPLQMEDSNMEQGTEDVEPGMPESPGHLTGRRKNYPLRKRSLVPEKPKAC
KVLLTRLENAVGRSADEADELPPDLKPPSPTSSSEDAGLVQPRKRRLASLNAEALNNLLEREETSSL
AGARRSRGGDPHRSDRATGSWSFSKKRPRLGDLGEGSRDLSPELAPDEGARRDGDPAKRLASLNAAAF
LKL SQERELPLRPSRAQAEADGRSTEPLAPRILRPKVNKNCPCARQGAGSGEATGPPNWQEQPNERWPS
APPHGPPTQPSHQAPGKALENPLRPNLPLLMGGQAALKPEPGRPGEE SPAPKQELHQP SFAPQLSPLPM
PGNPADYSGPCGGPELTALGSFYLYCGQDGLQCGAYSPCPMLPEGKLSVAAPNEGLL MAPSSVPSGVPF
QHPPWSAPRYCSSEDTGANGYSICGVLPLSLTHIGTTCGGCPYKMPFTAEGCRSLGQLEFPLPEAGHPAS
PAHPLLGCVPVSPVPAEPIPHLQTPISEPQTVARACPQSAKPPSGSKSGLRTGSSCRHAYRSKAARRPS
HPKQPRAQRPRRRRRRRRTNGWVPVGAACEKAVYVLDPEPAIRKSYQAVRHHGETIRVRDVLKSGP
RKTSTPYVAKISALWENPESGELMMSLLWYYRPEHLQGGRSPSMHEPLQNEVFASRHQDQNSVACIEEK
YVLTFAEYCRFCAMAKRRGEGLPSRKALVPPSADYSTPPHRTVPEDTPELVFLCRHVYDFRHGRILKN
PQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9098_e10.zip

Restriction Sites: Sgfl-Mlul

Cloning Scheme:



- ACCN:** NM_001045523
- ORF Size:** 2316 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_001045523.1](#), [NP_001038988.1](#)

RefSeq Size: 4428 bp

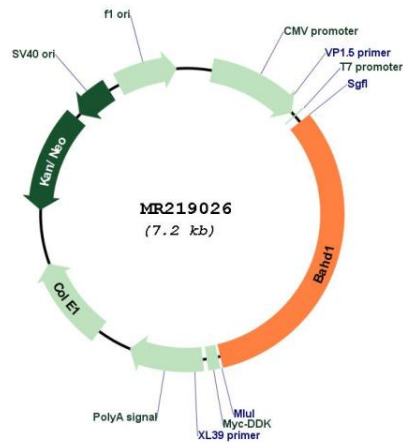
RefSeq ORF: 2319 bp

Locus ID: 228536

Cytogenetics: 2 E5

MW: 83.8 kDa

Product images:



Circular map for MR219026