

Product datasheet for **MR223428**

Birc5 (NM_009689) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Birc5 (NM_009689) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Birc5
Synonyms: A; AAC-11; Api4; s; survivin40; T; TIAP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR223428 representing NM_009689
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGAGCTCCGGCGCTGCCCCAGATCTGGCAGCTGTACCTCAAGAACTACCGCATCGCCACCTTCAAGA
ACTGGCCCTTCTGGAGGACTGCGCCTGCACCCAGAGCGAATGGCGGAGGCTGGCTTCATCCACTGCC
TACCGAGAACGAGCCTGATTTGGCCAGTGTCTTTCTGCTTTAAGGAATTGGAAGGCTGGGAACCCGAT
GACAACCCGATAGAGGAGCATAGAAAGCACTCCCCTGGCTGCGCCTTCTCACTGTCAAGAAGCAGATGG
AAGAATAACCGTCAGTGAATTCTTGAAGTGGACAGACAGAGAGCAAGAACAATAATTGCAAAGGAGAC
CAACAACAAGCAAAAAGAGTTTGAAGAGACTGCAAGACTACCCGTCAAGTCAATTGAGCAGCTGGCTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR223428 representing NM_009689
Red=Cloning site Green=Tags(s)

MGAPALPQIWQLYLKNIYRIATFKNWPFLDCACTPERMAEAGFIHCPTENEPDLAQCFKFELEGWEPD
DNPIEEHRKHSPGCAFLTVKKQMEELTVSEFLKLDLRQAKNKIAKETNNKQKFEFEETAKTTRQSIQLAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1696_b04.zip

Restriction Sites: SgfI-MluI

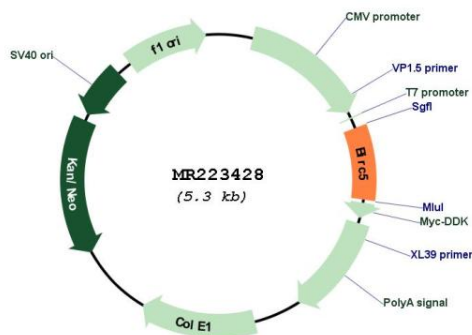


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RefSeq: [NM_009689.2, NP_033819.1](#)
RefSeq Size: 977 bp
RefSeq ORF: 423 bp
Locus ID: 11799
UniProt ID: [O70201](#)
Cytogenetics: 11 E2
MW: 16.7 kDa

Gene Summary: This gene is a member of the inhibitor of apoptosis (IAP) gene family, which encode negative regulatory proteins that prevent apoptotic cell death. IAP family members usually contain multiple baculovirus IAP repeat (BIR) domains, but this gene encodes proteins with only a single BIR domain. The encoded proteins also lack a C-terminus RING finger domain. In humans, gene expression is high during fetal development and in most tumors yet low in adult tissues. Antisense transcripts have been identified in human that regulate this gene's expression. At least three transcript variants encoding distinct isoforms have been found for this gene, although at least one of these transcript variants is a nonsense-mediated decay (NMD) candidate. [provided by RefSeq, Jul 2008]

Product images:



Circular map for MR223428