

Product datasheet for **RC231623**

Bim (BCL2L11) (NM_001204113) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bim (BCL2L11) (NM_001204113) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: Bim
Synonyms: BAM; BIM; BOD
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC231623 representing NM_001204113
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAAAGCAACCTTCTGATGTAAGTTCTGAGTGTGACCGAGAAGGTAGACAATTGCAGCCTGCGGAGA
GGCCTCCCAGCTCAGACCTGGGGCCCCTACCTCCCTACAGACAGAGCCACAAGACAGGAGCCCAGCACC
CATGAGTTGTGACAAATCAACACAAACCCCAAGTCTCCTGCCAGGCCTCAACCACTATCTCAGTGCA
ATGGATGACTCCGCTGGATCCTCCCTCAGAATTGCCCTCATAGGGAAGTTCAGTGGCCACTCAAGTGGT
TAGCAAAATCAAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC231623 representing NM_001204113
Red=Cloning site Green=Tags(s)
MAKQPSDVSSECDREGRQLQPAERPPQLRPGAPTSLQTEPQDRSPAPMSCDKSTQTPSPPCQAFNHYLSA
MDDSAGSSLRIALHREVQWPLKWLAKSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Locus ID: 10018

UniProt ID: [O43521](#)

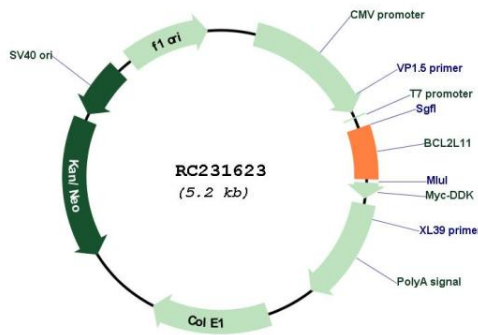
Cytogenetics: 2q13

Protein Families: Druggable Genome

MW: 11.3 kDa

Gene Summary: The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The protein encoded by this gene contains a Bcl-2 homology domain 3 (BH3). It has been shown to interact with other members of the BCL-2 protein family and to act as an apoptotic activator. The expression of this gene can be induced by nerve growth factor (NGF), as well as by the forkhead transcription factor FKHR-L1, which suggests a role of this gene in neuronal and lymphocyte apoptosis. Transgenic studies of the mouse counterpart suggested that this gene functions as an essential initiator of apoptosis in thymocyte-negative selection. Several alternatively spliced transcript variants of this gene have been identified. [provided by RefSeq, Jun 2013]

Product images:



Circular map for RC231623