

Product datasheet for MC212335

Bbc3 (NM_133234) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bbc3 (NM_133234) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bbc3
Synonyms:	PUMA; PUMA/JFY1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212335 representing NM_133234 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCCGCACGCCAGGAGGGCAGCTCTCCGGAGCCGTAGAGGGTCTAGCCCCGCACAGTCCGCGCC
CCTTCCCCTCGGCCGCTGATGCCCTCCGCTGTATCCTGCAGCCTTTGCGAGCCCGCCCGCCCGCCG
CCCTGCTGCCCTGCCTTGTGCCGGCCGCTACCTCTGCGCCCCACCCTCCACCTGCCGTACCGCC
GCCCTGGGGGGCCCCGCTGGCCTGGGGTACCAGCCGCGCCAGAGGCCCGCCCGGACGGTCTCT
AGCCCTCCCTGTACCAGCCAGCAGCACTTAGAGTCGCCGTGCCAGCGCCCCGGAGGCCCTGGCAGG
AGGCCCCACCCAAGCTGCCCGGGAGTGCCTGTGGAGGAGGAGGAGTGGGCCCGGAGATCGGGGCCAG
CTGCGGGGATGGCGGACGACCTCAACGCGAGTACGAGCGCGGAGACAAGAAGAGCAGCATCGACACC
GACCCTCACCTGGAGGGTCACTACAATCTCTTCATGGGACTCTCCCTTACCAGGGATCCTGGAGC
CCAGAAATGGAGCCCACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_133234
Insert Size:	582 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_133234.2</u> , <u>NP_573497.1</u>
RefSeq Size:	1976 bp
RefSeq ORF:	582 bp
Locus ID:	170770
UniProt ID:	<u>Q99ML1</u>
Cytogenetics:	7 A2
Gene Summary:	Essential mediator of p53/TP53-dependent and p53/TP53-independent apoptosis. Functions by promoting partial unfolding of BCL2L1 and dissociation of BCL2L1 from p53/TP53 (By similarity). Regulates ER stress-induced neuronal apoptosis.[UniProtKB/Swiss-Prot Function]