

Product datasheet for RC219708

Bax inhibitor 1 (TMBIM6) (NM_001098576) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bax inhibitor 1 (TMBIM6) (NM_001098576) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bax inhibitor 1
Synonyms:	BAXI1; BI-1; TEGT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC219708 representing NM_001098576 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCACACTCCTCTGTGACACGCGAGGCTCCTCAGTTACTTAGCCAACGGCAGAGGCGGGAAGTGAGAG
GAGTCTGGGGCTGGGGCTGCCTCCAGGCCACGGGGCGCCCGCTCTTTTCGGATTGGTTACCTTTGG
GCAGAGTGGAGACTGCTGCACGGACTCTGGAACCATGAACATATTTGATCGAAAGATCAACTTTGATGCG
CTTTTAAATTTTCTCATATAACCCCGTCAACGCAGCAGCACCTGAAGAAGGTCTATGCAAGTTTGCCC
TTTGTATGTTTGTGGCGCTGCAGGGCCCTATGTCATATGGTCACTCATTTCATTTCAGGCTGGCCTGCT
GTCTGCCTGGGCTCCCTGATATTGATGATTTGGCTGATGGCAACACCTCATAGCCATGAACTGAACAG
AAAAGACTGGGACTTCTTGTGATTTGCATTCCTTACAGGAGTTGGCCTGGGCCCTGCCCTGGAGTTTT
GTATTGCTGTCAACCCAGCATCCTTCCACTGCTTTCATGGGCACGGCAATGATCTTTACCTGCTTAC
CCTCAGTGCACCTATGCCAGGCCCGTAGCTACCTCTTCTGGGAGGTATCTTGATGTCAGCCCTGAGC
TTGTTGCTTTTGTCTTCCCTGGGAATGTTTTCTTTGGATCCATTTGGCTTTTCCAGGCAAACCTGTATG
TGGGACTGGTGGTCATGTGTGGCTTCGTCCTTTTGGTACTCAACTCATTATTGAAAAGGCCGAACATGG
AGATCAAGATTATCTGGCACTGCATTGATCTCTTCTTAGATTTCTTACTGCTTTCAGAAAACATCATG
ATGATCCTGGCCATGAATGAAAAGGATAAGAAGAAAGAGAAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001098576.1](#), [NP_001092046.1](#)

RefSeq Size: 3255 bp

RefSeq ORF: 888 bp

Locus ID: 7009

UniProt ID: [P55061](#)

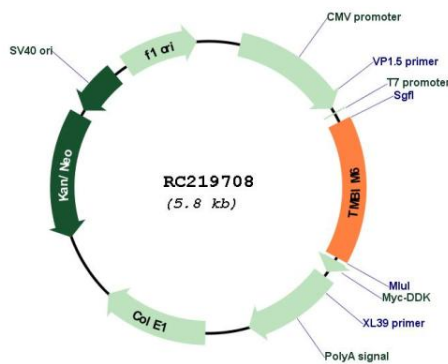
Cytogenetics: 12q13.12

Protein Families: Druggable Genome, Transmembrane

MW: 32.5 kDa

Gene Summary: Suppressor of apoptosis (PubMed:21075086). Modulates unfolded protein response signaling (PubMed:21075086). Modulates ER calcium homeostasis by acting as a calcium-leak channel (PubMed:22128171). Negatively regulates autophagy and autophagosome formation, especially during periods of nutrient deprivation, and reduces cell survival during starvation (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC219708