

Mouse BCL2-associated X protein (Bax) (NM_007527) ORF clone, Untagged

Cat. No.: NEP-0521-R0121

This is a mouse Bax untagged ORF clone expression plasmid, ready for transfecting into mammalian cells.

PRODUCT OVERVIEW

Gene/Insert Name	BAX
Species	Mouse
Insert Size (bp)	579 bp
Tag	Tag Free
Type	Expression Vector/ Viral Particle
Vector	pCMV6
Vector Type	CMV
Virus Type	CMV
E. coli Selection	Kanamycin (25 ug/mL)
Cell Selection	Neomycin
ORF Nucleotide Sequence	CGGACGCGTGGGCGGACGCGTGGGCGCCGCAGCCGCCGGGGCGCACCCGGCGAGAG GCAGCGGCAGTGAT GGACGGGTCCGGGGAGCAGCTTGGGAGCGGCGGGCCCACCAGCTCTGAACAGATC ATGAAGACAGGGGCC TTTTTGCTACAGGGTTTCATCCAGGATCGAGCAGGGAGGATGGCTGGGGAGACAC CTGAGCTGACCTTGG AGCAGCCGCCCCAGGATGCGTCCACCAAGAAGCTGAGCGAGTGTCTCCGGCGAAT TGGAGATGAACTGGA CAGCAATATGGAGCTGCAGAGGATGATTGCTGACGTGGACACGGACTCCCCCGA GAGGTCTTCTTCCGG GTGGCAGCTGACATGTTTGCTGATGGCAACTTCAACTGGGGCCGCGTGGTTGCC TCTTCTACTTTGCTA GCAAAGTGGTGTCAAGGCCCTGTGCACTAAAGTGCCCGAGCTGATCAGAACCAT CATGGGCTGGACACT GGACTTCTCCGTGAGCGGCTGCTTGTCTGGATCCAAGACCAGGGTGGCTGGGAA GGCCTCCTCTCCTAC TTCGGGACCCCCACATGGCAGACAGTGACCATCTTTGTGGCTGGAGTCCTCACCG CCTCGCTCACCATCT GGAAGAAGATGGGCTGAGGCCTCCCACTGCCTTGGACTGTGTCTTTTCTTCATAA ATTATGACATTTTCC TGGGATGAATGGGGGAAGGGGAAAGGCATTTTTCTTACTTTTGTATTATTGGGA GGGGTGGGAATGGTG GCCTGGGGAGGCGCCAATAAACCTCAGGTCCCCTTTGAAAAAAAAAAAAAAAAAAAA AAAAAA

Restriction Sites	RsrII-NotI
Application Notes	The clone can express a complete ORF with a certain tag. Different ways of expression depend on the specific nature of the gene.
Purification	Ion-exchange column purified
Research Areas	Neurotransmission; Neural Signal Transduction; Metabolism
Relevant Diseases	Alzheimer's Disease
Key Components	Transfection-ready dried plasmid DNA

PROPERTIES

Soluble In	Sterile water
Appearance	Solid
Shipping	Keep in suitable, closed containers for shipping.
Handling Advice	Avoid breathing vapors, mist or gas.
Storage	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
Research Use Only	For research use only

TARGET DETAILS

Target	BAX
Official Name	BAX
Full Name	Bcl-2-associated X protein
Alternative Names	BAX; BCL2L4; BCL2 associated X protein; BCL2 associated X; apoptosis regulator
Gene ID	581 (Human); 24887 (Rat)
Uniprot ID	Q07812 (Human); Q63690 (Rat)
