Lenti of Human BCL2-associated X protein (BAX) transcript variant (NM_138763) ORF clone, Myc-DDK Tagged

Cat. No.: NEP-0521-R0114

This is a human Bax Myc-DDK tagged ORF clone expression plasmid, ready for transfecting into mammalian cells.

PRODUCT OVERVIEW

Gene/Insert Name	BAX
Species	Human
Insert Size (bp)	429 bp
Tag	Myc-DDK
Type	Expression Vector/ Viral Particle
Vector	pLenti
E. coli Selection	Chloramphenicol (34 ug/mL)
Cell Selection	Puromycin
ORF Nucleotide Sequence	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTAC CGAGGAGATCTGCCGCCGCGATCGCCATGGACGGGTCCGGGGAGCAGCCCAGAGG CGGGGGGCCCACCAGCTCTGAGCAGATCATGAAGACAGGGGCCCTTTTGCTTCAG GGGATGATTGCCGCCGTGGACACAGACTCCCCCCGAGAGGTCTTTTTCCGAGTGG CAGCTGACATGTTTTCTGACGGCAACTTCAACTGGGGCCGGGTTGTCGCCCTTTT CTACTTTGCCAGCAAACTGGTGCTCAAGGCCCTGTGCACCAAGGTGCCGGAACTG ATCAGAACCATCATGGGCTGGACATTGGACTTCCTCCGGGAGCGGCTGTTGGACT GGATCCAAGACCAGGGTGGTTGGGACGGCCTCCTCTCCTACTTTGGGACGCCCAC GTGGCAGACCGTGACCATCTTTGTGGCGGGAGTGCTCACCGCCTCACTCACCATC TGGAAGAAGATGGGCACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAG AGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTA A
Restriction Sites	SgfI-MluI
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.

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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(Hum an); 24887 (Rat)
Uniprot ID	Q07812 (Human); Q63690 (Rat)