

Rat Bcl2-associated X protein (Bax) (NM_017059) ORF clone/Lentiviral Particle, Untagged

Cat. No.: NEP-0521-R0122

This is a rat Bax untagged ORF clone expression plasmid or lentiviral particle, ready for transfecting into mammalian cells.

PRODUCT OVERVIEW

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| Gene/Insert Name | BAX |
| Species | Rat |
| 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 | TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTAC CGAGGAGATCTGCCGCCGCGATCGCCATGGACGGGTCCGGGGATCATCTCGGAGG CGGCGGGCCCACCAGCTCTGAACAGATCATGAAGACAGGGGCCCTTTTGGCTACAG GGTTTCATCCAGGATCGAGCAGAGAGGATGGCTGGGGAGACACCTGAGCTGACCT TGGAGCAGCCGCCCCAGGACGCATCCACCAAGAAGCTGAGCGAGTGTCTCAGGCG AATTGGCGATGAACTGGACAACAACATGGAGCTGCAGAGGATGATTGCTGATGTG GATACAGACTCCCCCGAGAGGTCTTCTTCCGTGTGGCAGCTGACATGTTTGCAG ACGGCAACTTCAACTGGGGCCGGGTGGTTGCCCTTTTCTACTTTGCTAGCAA GGTGCTCAAGGCCCTGTGCACTAAAGTGCCCGAGCTGATCAGAACCATCATGGGC TGGACTGGA CTTCCGGGAGCGGCTGCTTGTCTGGATCCAAGACCAGGGTG GCTGGGATGGCCTCCTTTCTACTTCGGGACCCCCACATGGCAGACAGTGACCAT CTTTGTGGCTGGAGTCCTCACTGCCTCACTACCATCTGGAAGAAGATGGGCTGA ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAA ATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA |
| 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

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| 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

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|--------------------------|--|
| 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) |
