

Product datasheet for **RC200067**

NADE (BEX3) (NM_206917) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: NADE (BEX3) (NM_206917) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: BEX3
Synonyms: Bex; DXS6984E; HGR74; NADE; NGFRAP1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC200067 representing NM_206917
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCAAATATTCACCAGGAAAACGAAGAGATGGAGCAGCCTATGCAGAATGGAGAGGAAGACCGCCCTT
TGGGAGGAGGTGAAGGCCACCAGCCTGCAGGAAATCGACGGGGACAGGCTCGCCGACTTGCCCTAATTT
TCGATGGGCCATACCAATAGGCAGATCAATGATGGGATGGTGGAGATGGAGATGATATGGAAATATTC
ATGGAGGAGATGAGAGAAATCAGAAGAAAACCTAGGGAGCTGCAGTTGAGGAATTGTCTGCGTATCCTTA
TGGGGGAGCTCTAATCACCATGACCATCATGATGAATTTTGCCTTATGCCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC200067 representing NM_206917
Red=Cloning site Green=Tags(s)

MANIHQENEEME QPMQNGEEDRPLGGEGHQ PGNRRGQARRLAPNFRWAIPNRQINDGMGGDGDMEIF
MEEMREIRRKLRELQLRNCLRILMGELSNHDDHDEFCLMP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

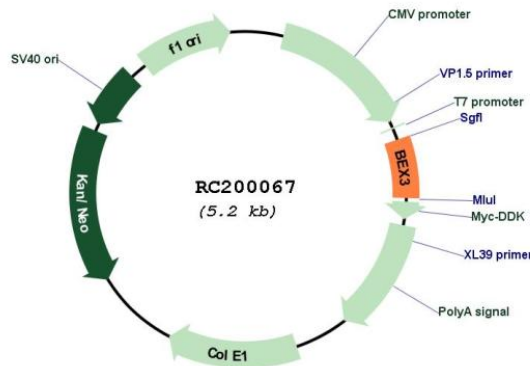


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Cloning Scheme:



Plasmid Map:



ACCN: NM_206917

ORF Size: 336 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_206917.1 , NM_206917.2 , NP_996800.1
RefSeq Size:	1025 bp
RefSeq ORF:	306 bp
Locus ID:	27018
UniProt ID:	Q00994
Cytogenetics:	Xq22.2
Protein Families:	Druggable Genome
Protein Pathways:	Neurotrophin signaling pathway
MW:	13 kDa
Gene Summary:	May be a signaling adapter molecule involved in p75NTR-mediated apoptosis induced by NGF. Plays a role in zinc-triggered neuronal death (By similarity). May play an important role in the pathogenesis of neurogenetic diseases.[UniProtKB/Swiss-Prot Function]