

Product datasheet for **SC334327**

NADE (BEX3) (NM_001282674) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NADE (BEX3) (NM_001282674) Human Untagged Clone
Tag:	Tag Free
Symbol:	BEX3
Synonyms:	Bex; DXS6984E; HGR74; NADE; NGFRAP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001282674, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGTGGCGGGTGGGGGAAGGGGAGATCCTGCTGCACTGGCCGCCCAAGTTGGGGGCGAGCTCG
GTGGTGACGCGCGCCCTCACGTGACCCAGAGCTGCAGAGCGACGCAGCCTTCGGTGCACTCGTCACTCG
CGTCTGGTACCAGCTCCCCGCTGCCCTGAGCTCGGCGGGCTGGCATTGGCCCGGGGAAAAGCGGAGCA
GAAAAACAACCAGAAAAAATCTCATCATGGCAAATATTCACCAGGAAAACGAAGAGATGGAGCAGC
CTATGCAGAAATGGAGAGGAAGACCGCCCTTTGGGAGGAGTGAAGGCCACCAGCCTGCAGGAAATCGACG
GGGACAGGCTCGCCGACTTGCCCTAATTTTCGATGGCCATACCAATAGGCAGATCAATGATGGGATG
GGTGGAGATGGAGATGATATGGAATATTCATGGAGGAGATGAGAGAAATCAGAAGAAAACCTTAGGGAGC
TGCAGTTGAGGAATTGTCTGCGTATCCTTATGGGGGAGCTCTAATCACCATGACCATCATGATGAATT
TGCCTTATGCCTTGA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001282674
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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).



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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_001282674.1](#), [NP_001269603.1](#)

RefSeq Size: 993 bp

RefSeq ORF: 576 bp

Locus ID: 27018

Cytogenetics: Xq22.2

Protein Families: Druggable Genome

Protein Pathways: Neurotrophin signaling pathway

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]
Transcript Variant: This variant (4) lacks an exon, uses an alternate internal splice site, and initiates translation at an alternate upstream start codon, compared to variant 1. The encoded isoform (c) has a longer N-terminus than isoform a.