

## Product datasheet for **SC319394**

### NADE (BEX3) (NM\_206917) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NADE (BEX3) (NM_206917) Human Untagged Clone
Tag:	Tag Free
Symbol:	NADE
Synonyms:	Bex; DXS6984E; HGR74; NADE; NGFRAP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_206917.1  
 GTGCAGTCGTCACCTCGCGTCTGGCTACCAGCTCCCCGCTGCCCTGAGCTCGGCGGGCTGG  
 CATTTCGGCCCGGGGAAAAGCGGAGCAGGTCTGCGAGGCTAAGTGTCTCCGCGGCGCACCT  
 CGCGGCGAGAATCCGGAGGAGAAGGAGACTGCAAGGATAGGCCAGAAAAACAACCAGAA  
 AAAAAAATCTCATCATGGCAAATATTCACCAGGAAAACGAAGAGATGGAGCAGCCTATG  
 CAGAAATGGAGAGGAAGACCGCCCTTTGGGAGGAGGTGAAGGCCACCAGCCTGCAGGAAAT  
 CGACGGGGACAGGCTCGCCGACTTGCCCTAATTTTCGATGGGCCATACCCAATAGGCAG  
 ATCAATGATGGGATGGGTGGAGATGGAGATGATATGAAATATTCATGGAGGAGATGAGA  
 GAAATCAGAAGAAAACCTTAGGGAGCTGCAGTTGAGGAATTGTCTGCGTATCCTTATGGGG  
 GAGCTCTCTAATCACCATGACCATCATGATGAATTTTGCCTTATGCCTTGACTCCTGCCA  
 TTTATCATGAGATTAATACTGTGATTCCCGCTGTTTTCTTTTCTTGCATTTTCCTAAT  
 ATGCCTTTACTGATCCGTTTGTGTGAACCCTATGTTATTTCCATGTGTCAAGTGGGTCT  
 TGTGTTGCCAGCTTCTATTTGAAGATTGCCTTTGCACTCAGTGTAAAGTTTCTGTACAGCAG  
 TAGTTTACCCATTTGCATGGAAAAATTTAAAGCTAATAAAGCAATTTAAAAAGCAAAAA  
 AAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_206917

**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).



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<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_206917.1</a></u> , <u><a href="#">NP_996800.1</a></u>
<b>RefSeq Size:</b>	933 bp
<b>RefSeq ORF:</b>	306 bp
<b>Locus ID:</b>	27018
<b>UniProt ID:</b>	<u><a href="#">Q00994</a></u>
<b>Cytogenetics:</b>	Xq22.2
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Neurotrophin signaling pathway
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the shortest isoform (a).</p>