

Product datasheet for **SC337750**

BNC1 (NM_001301206) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BNC1 (NM_001301206) Human Untagged Clone
Tag:	Tag Free
Symbol:	BNC1
Synonyms:	BNC; BSN1; HsT19447; POF16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001301206, the custom clone sequence may differ by one or more nucleotides

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ATGCGGTGTAGAAACATGTTCTTCTCATTTAAGGCATCTCTTTGTGGCTGCGGGGCTGCCACCGCTCCGA
GTCTGACAGCTATCAGCTGTACTCTGAACTGTAGTTGCCAAAGTTTCAAACCCGGGAAAAATAAACCCG
TCAGTGTGACCAATGCAAGCATGGATGGGTGGCCACGCTCTAAGTAAGCTAAGGATCCCCCATGTAT
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CCCAGGCCATCCCCGTTGCGCTAAAAATCCTACTGGACCGGCTCTTCAGTGTGTTGAAGCAAGATGAGGT
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CCTGCCGAGGTAGCAAACACGCCTGGGATACTCCCTTCCCTCCCGCTGTTGTCTCTTCAATCCCAGAAC
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CAGACACCAGCATGATCATGGTCCAAGGAGGTCGAGGATGGTGGCCATGAACACTACTTCCACACCTG
GGATGGAACCCCAAGTTCCTTTTTCTGACTACATGGAAGTGCAGCAGCGCCTGCTGGCTGGGGGACTCTT
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GGACCTTAGGGCCACTACAAAAGTGTGCACCTCCGGCAGCTCCACAAATGCAAAGTACCAGGCTGCAA
CACCATGTTTTCGTCTGTTGCGAGTCGAAACAGACACAGCCAGAATCCCAACCTGCACAAAAGCCTGGCC
TCATCTCAAAGTCACCTCAGTAA
    
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001301206

Insert Size:	2961 bp
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).
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_001301206.1 , NP_001288135.1
RefSeq Size:	4763 bp
RefSeq ORF:	2964 bp
Locus ID:	646
UniProt ID:	Q01954
Cytogenetics:	15q25.2
Gene Summary:	<p>This gene encodes a zinc finger protein present in the basal cell layer of the epidermis and in hair follicles. It is also found in abundance in the germ cells of testis and ovary. This protein is thought to play a regulatory role in keratinocyte proliferation and it may also be a regulator for rRNA transcription. Disruption of this gene has been implicated in premature ovarian failure as well as testicular premature aging. [provided by RefSeq, Sep 2020]</p> <p>Transcript Variant: This variant (2) contains an alternate 5' terminal exon, and it thus differs in the 5' UTR and 5' coding region, compared to variant 1. The encoded isoform (b) has a distinct N-terminus and is shorter than isoform a.</p>