OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC216626

BICC1 (NM_001080512) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BICC1 (NM_001080512) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BICC1
Synonyms:	BICC; CYSRD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>RC216626 representing NM_001080512
Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>RC216626 representing NM_001080512
Red=Cloning site Green=Tags(s)

MAAQGEPGYLAAQSDPGSNSERSTDSPVPGSEDDLVAGATLHSPEWSEERFRVDRKKLEAMLQAAAEGKG
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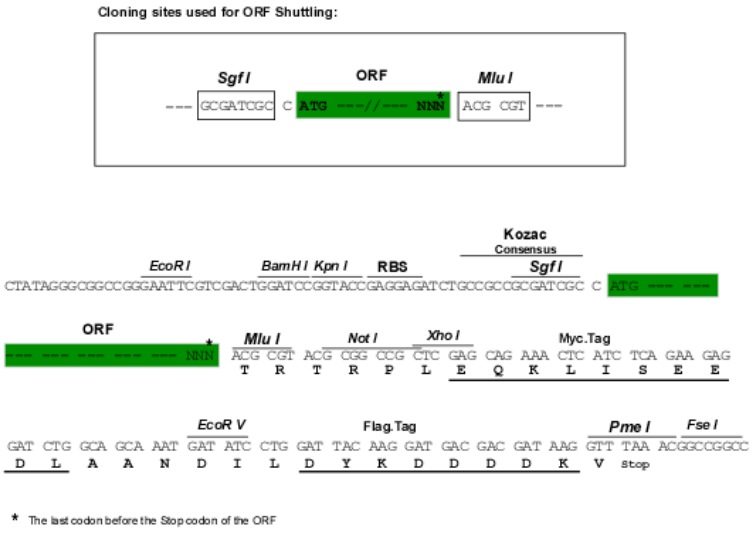
Restriction Sites: SgfI-MluI

Cloning Scheme:

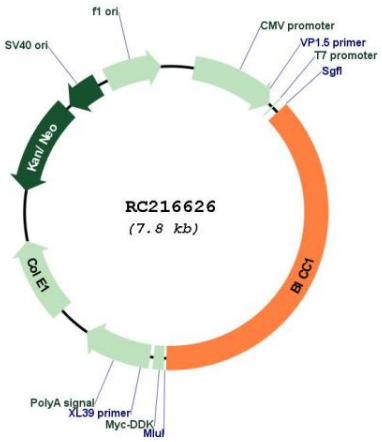


ACCN: NM_001080512

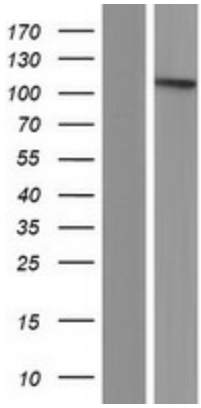
ORF Size: 2922 bp

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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001080512.3
RefSeq Size:	3119 bp
RefSeq ORF:	2925 bp
Locus ID:	80114
UniProt ID:	Q9H694
Cytogenetics:	10q21.1
MW:	104.7 kDa
Gene Summary:	This gene encodes an RNA-binding protein that is active in regulating gene expression by modulating protein translation during embryonic development. Mouse studies identified the corresponding protein to be under strict control during cell differentiation and to be a maternally provided gene product. [provided by RefSeq, Apr 2009]

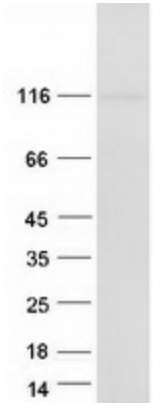
Product images:



Circular map for RC216626



Western blot validation of overexpression lysate (Cat# [LY421067]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC216626 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified BICC1 protein (Cat# [TP316626]). The protein was produced from HEK293T cells transfected with BICC1 cDNA clone (Cat# RC216626) using MegaTran 2.0 (Cat# [TT210002]).