

### **Product datasheet for RC229611L3**

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# BEX2 (NM\_001168400) Human Tagged Lenti ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: BEX2 (NM\_001168400) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: BEX2

Synonyms: BEX1; DJ79P11.1

Mammalian Cell Puromycin

Selection:

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC229611).

Sequence:

Restriction Sites: Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.

ACCN: NM\_001168400

ORF Size: 477 bp





### BEX2 (NM\_001168400) Human Tagged Lenti ORF Clone - RC229611L3

**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.

RefSeq: <u>NM 001168400.1</u>

 RefSeq ORF:
 480 bp

 Locus ID:
 84707

 UniProt ID:
 Q9BXY8

 Cytogenetics:
 Xq22.2

MW: 19.1 kDa

**Gene Summary:** This gene belongs to the brain expressed X-linked gene family. The encoded protein interacts

with the transcription factor LIM domain only 2 in a DNA-binding complex that recognizes the

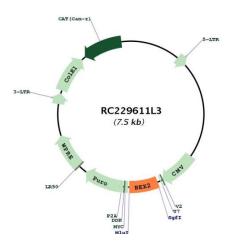
E-box element and promotes transcription. This gene has been found to be a tumor suppressor that is silenced in human glioma. In breast cancer cells, this gene product modulates apoptosis in response to estrogen and tamoxifen, and enhances the anti-

proliferative effect of tamoxifen. Multiple transcript variants encoding different isoforms have

been found for this gene. [provided by RefSeq, Dec 2009]



## **Product images:**



Circular map for RC229611L3