

Product datasheet for RC209592L3

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BARX1 (NM_021570) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: BARX1 (NM_021570) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: BARX1

Mammalian Cell Puromycin

Selection:

Vector:

pLenti-C-Myc-DDK-P2A-Puro (PS100092)

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

ORF Nucleotide

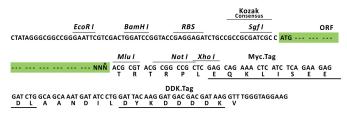
The ORF insert of this clone is exactly the same as(RC209592).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_021570

ORF Size: 762 bp



BARX1 (NM_021570) Human Tagged Lenti ORF Clone - RC209592L3

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 021570.3, NP 067545.3</u>

RefSeq Size: 1498 bp
RefSeq ORF: 765 bp
Locus ID: 56033
UniProt ID: Q9HBU1

Protein Families: Transcription Factors

9q22.32

MW: 27.3 kDa

Cytogenetics:

Gene Summary: This gene encodes a member of the Bar subclass of homeobox transcription factors. Studies

of the mouse and chick homolog suggest the encoded protein may play a role in developing teeth and craniofacial mesenchyme of neural crest origin. The protein may also be associated

with differentiation of stomach epithelia. [provided by RefSeq, Jul 2008]