

Product datasheet for RC217254L3

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HOXA3 (NM_153631) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: HOXA3 (NM 153631) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: HOXA3

Synonyms: HOX1; HOX1E

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(RC217254).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_153631

ORF Size: 1329 bp





HOXA3 (NM_153631) Human Tagged Lenti ORF Clone - RC217254L3

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 153631.2</u>

 RefSeq Size:
 3396 bp

 RefSeq ORF:
 1332 bp

 Locus ID:
 3200

 UniProt ID:
 043365

Cytogenetics: 7p15.2

Protein Families: Transcription Factors

MW: 46.4 kDa

Gene Summary: In vertebrates, the genes encoding the class of transcription factors called homeobox genes

are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. Three transcript variants encoding two different isoforms have been found for this gene. [provided

by RefSeq, Jul 2008]