

Product datasheet for MR222237L3

Hoxb8 (NM_010461) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Hoxb8 (NM 010461) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Hoxb8

Synonyms: Hox-2.4

Mammalian Cell Puromycin

Selection:

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

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

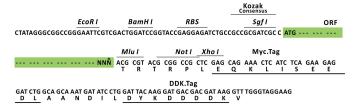
ORF Nucleotide The ORF insert of this clone is exactly the same as(MR222237).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_010461

ORF Size: 729 bp



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Hoxb8 (NM_010461) Mouse Tagged Lenti ORF Clone - MR222237L3

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 010461.2</u>, <u>NP 034591.1</u>

 RefSeq Size:
 2645 bp

 RefSeq ORF:
 732 bp

 Locus ID:
 15416

 UniProt ID:
 P09632

Cytogenetics: 11 59.82 cM

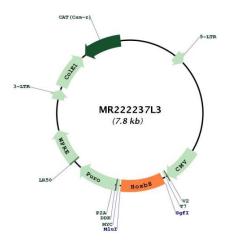
Gene Summary: Sequence-specific transcription factor which is part of a developmental regulatory system

that provides cells with specific positional identities on the anterior-posterior axis.

[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR222237L3