

Product datasheet for MR208756L3

Mus81 (NM_027877) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Mus81 (NM_027877) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Mus81

Synonyms: 1200008A18Rik; Al182501; AW045863

Mammalian Cell Puromycin

Selection:

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

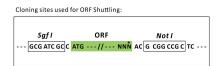
E. coli Selection: Chloramphenicol (34 ug/mL)

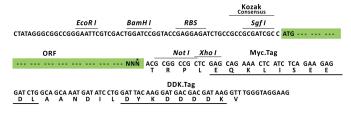
ORF Nucleotide The ORF insert of this clone is exactly the same as(MR208756).

Sequence:

Restriction Sites: Sgfl-Notl

Cloning Scheme:





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

ACCN: NM_027877

ORF Size: 1653 bp



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Mus81 (NM_027877) Mouse Tagged Lenti ORF Clone - MR208756L3

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 027877.3</u>

 RefSeq Size:
 2004 bp

 RefSeq ORF:
 1656 bp

 Locus ID:
 71711

 UniProt ID:
 Q91ZJ0

Cytogenetics: 19 A

Gene Summary:

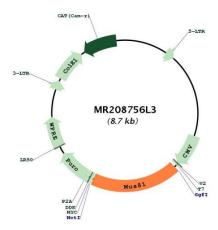
Interacts with EME1 and EME2 to form a DNA structure-specific endonuclease with substrate preference for branched DNA structures with a 5'-end at the branch nick. Typical substrates

include 3'-flap structures, replication forks and nicked Holliday junctions. May be required in mitosis for the processing of stalled or collapsed replication forks.[UniProtKB/Swiss-Prot

Function]



Product images:



Circular map for MR208756L3