

Product datasheet for MR223353L3

Pou2f2 (NM_011138) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Pou2f2 (NM_011138) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Pou2f2

Synonyms: Oct-2; Oct2a; Oct2b; Oct2c; Oct2d; Otf-2; Otf2

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(MR223353).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





st The last codon before the Stop codon of the ORF.

ACCN: NM_011138

ORF Size: 1437 bp



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Pou2f2 (NM_011138) Mouse Tagged Lenti ORF Clone - MR223353L3

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: NM 011138.2, NP 035268.2

 RefSeq Size:
 3297 bp

 RefSeq ORF:
 1440 bp

 Locus ID:
 18987

 UniProt ID:
 Q00196

Cytogenetics: 7 13.73 cM

Gene Summary: Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3'). Regulates

transcription in a number of tissues in addition to activating immunoglobulin gene

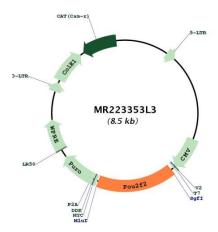
expression. Modulates transcription transactivation by NR3C1, AR and PGR. Isoform OCT2.5 activates the U2 small nuclear RNA (snRNA) promoter. Isoforms OCT2.1, OCT2.2 and OCT2.3

activate octamer-containing promoters. Isoforms OCT2.4 and OCT2.5 repress some

promoters and activate others. Isoform OCT2.7 is unable to bind to the octamer motif, but can still activate the beta-casein gene promoter at low levels.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR223353L3