

Product datasheet for MR210454L3

Med15 (NM_001040683) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Med15 (NM_001040683) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Med15

Synonyms: A230074L19Rik; AW536074; mPcqap; Pcqap

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(MR210454).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_001040683

ORF Size: 2250 bp



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Med15 (NM_001040683) Mouse Tagged Lenti ORF Clone - MR210454L3

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 001040683.1, NP 001035773.1</u>

RefSeq Size: 3293 bp
RefSeq ORF: 2250 bp
Locus ID: 94112

Cytogenetics: 16 10.94 cM

Gene Summary: Component of the Mediator complex, a coactivator involved in the regulated transcription of

nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation

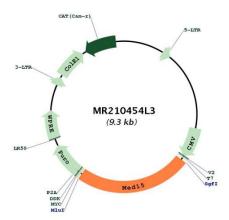
complex with RNA polymerase II and the general transcription factors. Required for

cholesterol-dependent gene regulation. Positively regulates the Nodal signaling pathway (By

similarity).[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR210454L3