

Product datasheet for MR203504L3

Inmt (NM_009349) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Inmt (NM_009349) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Inmt Temt

Synonyms: **Mammalian Cell**

Selection:

Puromycin

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

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

ORF Nucleotide

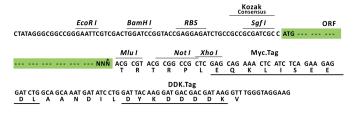
The ORF insert of this clone is exactly the same as(MR203504).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_009349

ORF Size: 795 bp



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Inmt (NM_009349) Mouse Tagged Lenti ORF Clone - MR203504L3

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 009349.1, NP 033375.1

RefSeq Size: 1023 bp
RefSeq ORF: 795 bp
Locus ID: 21743
UniProt ID: P40936
Cytogenetics: 6 B3

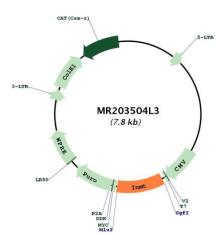
Gene Summary: Catalyzes the N-methylation of tryptamine and structurally related compounds (By similarity).

Functions as thioether S-methyltransferase and is active with a variety of thioethers and the corresponding selenium and tellurium compounds, including 3-methylthiopropionaldehyde, dimethyl selenide, dimethyl telluride, 2-methylthioethylamine, 2-methylthioethanol, methyl-propyl sulfide and diethyl sulfide. Plays an important role in the detoxification of selenium

compounds.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR203504L3