

Product datasheet for RC218678L3

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INMT (NM_006774) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: INMT (NM_006774) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: INMT

Synonyms: TEMT

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(RC218678).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_006774

ORF Size: 789 bp



INMT (NM_006774) Human Tagged Lenti ORF Clone - RC218678L3

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 006774.4</u>

 RefSeq Size:
 2639 bp

 RefSeq ORF:
 792 bp

 Locus ID:
 11185

UniProt ID: <u>O95050</u>

Cytogenetics: 7p14.3

Protein Pathways: Tryptophan metabolism

MW: 28.7 kDa

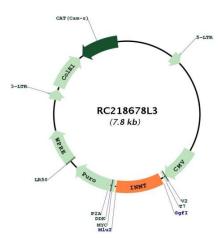
Gene Summary: N-methylation of endogenous and xenobiotic compounds is a major method by which they

are degraded. This gene encodes an enzyme that N-methylates indoles such as tryptamine. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the downstream MINDY4 (aka FAM188B) gene. In rodents and other mammals such as cetartiodactyla this gene is in the opposite orientation compared to its orientation in human and other primates and this gene appears to have been lost in

carnivora and chiroptera. [provided by RefSeq, Jul 2019]



Product images:



Circular map for RC218678L3