

Product datasheet for RR203412L4

Ogt (NM_017107) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Ogt (NM_017107) Rat Tagged Lenti ORF Clone

Tag: mGFP Symbol: Ogt

Mammalian Cell Puromycin

Selection:

Vector:

pLenti-C-mGFP-P2A-Puro (PS100093)

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

ORF Nucleotide The ORF insert of this cl

Sequence:

The ORF insert of this clone is exactly the same as(RR203412).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





ACCN: NM_017107

ORF Size: 3108 bp



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Ogt (NM_017107) Rat Tagged Lenti ORF Clone - RR203412L4

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 017107.2, NP 058803.2</u>

 RefSeq Size:
 5308 bp

 RefSeq ORF:
 3111 bp

 Locus ID:
 26295

 UniProt ID:
 P56558

Cytogenetics: Xq22

Gene Summary: the catalytic p110 subunit of the enzyme involved in the dynamic O-GlcNAcylation of nuclear

and cytosolic proteins [RGD, Feb 2006]