

Product datasheet for RR209174L4

Tkt (NM_022592) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Tkt (NM_022592) Rat Tagged Lenti ORF Clone

Tag: mGFP Symbol: Tkt

Mammalian Cell Puromycin

Selection:

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

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

ORF Nucleotide The ORF insert

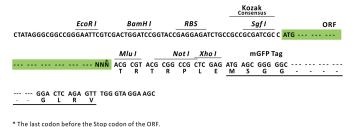
Sequence:

The ORF insert of this clone is exactly the same as(RR209174).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





ACCN: NM_022592

ORF Size: 1965 bp



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

Tkt (NM_022592) Rat Tagged Lenti ORF Clone - RR209174L4

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 022592.1, NP 072114.1</u>

16p16

 RefSeq Size:
 2098 bp

 RefSeq ORF:
 1968 bp

 Locus ID:
 64524

 UniProt ID:
 P50137

Cytogenetics:

Gene Summary: human homolog is a key enzyme in the pentose-phosphate pathway and may be associated

with Wernicke-Korsakoff syndrome [RGD, Feb 2006]