

Product datasheet for RC231337L3

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

NT5C1B (NM_001199088) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: NT5C1B (NM_001199088) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: NT5C1B

Synonyms: AIRP; CN-IB; CN1B

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(RC231337).

Sgfl-Mlul

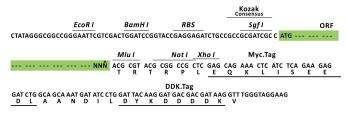
Sequence:

Restriction Sites: Cloning Scheme:

Cloning sites used for ORF Shuttling:

Sgf 1 ORF Mlu I

--- GCG ATC GCC ATG --- // --- NNN ACG CGT ---



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

ACCN: NM_001199088

ORF Size: 1836 bp





NT5C1B (NM_001199088) Human Tagged Lenti ORF Clone - RC231337L3

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 001199088.1</u>

 RefSeq ORF:
 1839 bp

 Locus ID:
 93034

 UniProt ID:
 Q96P26

 Cytogenetics:
 2p24.2

Protein Pathways: Metabolic pathways, Nicotinate and nicotinamide metabolism, Purine metabolism, Pyrimidine

metabolism

MW: 69.5 kDa

Gene Summary: Cytosolic 5-prime nucleotidases, such as NT5C1B, catalyze production of adenosine, which

regulates diverse physiologic processes (Sala-Newby and Newby, 2001 [PubMed 11690631]).

[supplied by OMIM, Mar 2008]