

Product datasheet for RC228554L4

OriGene Technologies, Inc.

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UTP14A (NM_001166221) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: UTP14A (NM_001166221) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: UTP14A

Synonyms: dJ537K23.3; NYCO16; SDCCAG16; Utp14

Mammalian Cell Puromycin

Selection:

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

Sgfl-Mlul

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC228554).

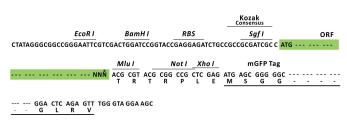
Sequence:

Restriction Sites: Cloning Scheme:

Cloning sites used for ORF Shuttling:

Sgf I ORF Mlu I

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



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

ACCN: NM_001166221

ORF Size: 2157 bp





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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 001166221.1, NP 001159693.1

 RefSeq ORF:
 2160 bp

 Locus ID:
 10813

 UniProt ID:
 Q9BVJ6

 Cytogenetics:
 Xq26.1

MW: 81.8 kDa

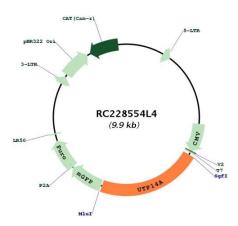
Gene Summary: This gene encodes a member of the uridine triphosphate 14 family. As an essential

component of a large ribonucleoprotein complex bound to the U3 small nucleolar RNA, the encoded protein is involved in ribosome biogenesis and 18S rRNA synthesis. An autosomal retrotransposed copy of this X-linked gene exists on chromosome 13. Alternative splicing

results in multiple transcript variants.[provided by RefSeq, Oct 2009]



Product images:



Circular map for RC228554L4