

Product datasheet for RC208312L3

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

OriGene Technologies, Inc.

KRT34 (NM_021013) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: KRT34 (NM_021013) Human Tagged Lenti ORF Clone

Tag: Myc-DDK Symbol: KRT34

Synonyms: Ha-4; HA4; hHa4; KRTHA4

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(RC208312).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_021013

ORF Size: 1308 bp





KRT34 (NM_021013) Human Tagged Lenti ORF Clone - RC208312L3

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 021013.3</u>, <u>NP 066293.2</u>

RefSeq Size:1713 bpRefSeq ORF:1311 bp

Locus ID: 3885
UniProt ID: <u>076011</u>

Cytogenetics: 17q21.2

MW: 49.2 kDa

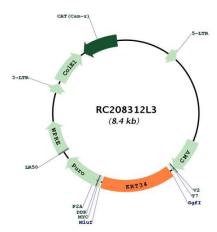
Gene Summary: The protein encoded by this gene is a member of the keratin gene family. As a type I hair

keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17g12-g21 and have

the same direction of transcription. [provided by RefSeq, Jul 2008]



Product images:



Circular map for RC208312L3