

# Product datasheet for RC228331L3

### OriGene Technologies, Inc.

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## RASSF8 (NM 001164746) Human Tagged Lenti ORF Clone

#### **Product data:**

**Product Type: Expression Plasmids** 

**Product Name:** RASSF8 (NM 001164746) Human Tagged Lenti ORF Clone

Tag: Myc-DDK Symbol: RASSF8

C12orf2; HOJ1 Synonyms: **Mammalian Cell** 

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

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

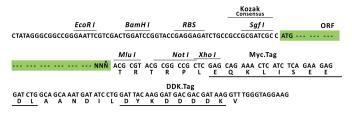
The ORF insert of this clone is exactly the same as(RC228331). **ORF Nucleotide** 

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.

ACCN: NM\_001164746

**ORF Size:** 1257 bp





#### RASSF8 (NM\_001164746) Human Tagged Lenti ORF Clone - RC228331L3

**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 001164746.1</u>

 RefSeq ORF:
 1260 bp

 Locus ID:
 11228

 UniProt ID:
 Q8NHQ8

**Cytogenetics:** 12p12.1 **MW:** 48.1 kDa

**Gene Summary:** This gene encodes a member of the Ras-assocation domain family (RASSF) of tumor

suppressor proteins. This gene is essential for maintaining adherens junction function in epithelial cells and has a role in epithelial cell migration. It is a lung tumor suppressor gene candidate. A chromosomal translocation t(12;22)(p11.2;q13.3) leading to the fusion of this gene and the FBLN1 gene is found in a complex type of synpolydactyly. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

[provided by RefSeq, May 2011]