

Product datasheet for RC212844L4

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RASSF7 (NM_003475) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: RASSF7 (NM_003475) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: RASSF7

Synonyms: C11orf13; CFAP88; FAP88; HRAS1; HRC1

Mammalian Cell Puromycin

Selection:

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

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC212844).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_003475

ORF Size: 1119 bp





RASSF7 (NM_003475) Human Tagged Lenti ORF Clone - RC212844L4

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 003475.2

RefSeq Size:1539 bpRefSeq ORF:1122 bpLocus ID:8045

UniProt ID: Q02833

Cytogenetics: 11p15.5

MW: 39.8 kDa

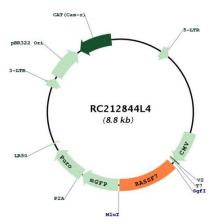
Gene Summary: Negatively regulates stress-induced JNK activation and apoptosis by promoting MAP2K7

phosphorylation and inhibiting its ability to activate JNK. Following prolonged stress, antiapoptotic effect stops because of degradation of RASSF7 protein via the ubiquitin-proteasome pathway. Required for the activation of AURKB and chromosomal congression during mitosis

where it stimulates microtubule polymerization.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for RC212844L4