

Product datasheet for RC210888L3

ING1 (NM_198218) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ING1 (NM_198218) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: ING1

Synonyms: p24ING1c; p33; p33ING1; p33ING1b; p47; p47ING1a

Mammalian Cell Puromycin

Selection:

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

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

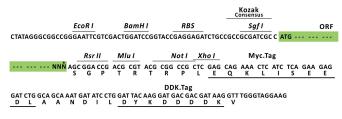
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC210888).

Sequence:

Restriction Sites: Sgfl-Rsrll

Cloning Scheme:





st The last codon before the Stop codon of the ORF.

ACCN: NM_198218

ORF Size: 840 bp



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ING1 (NM_198218) Human Tagged Lenti ORF Clone - RC210888L3

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 198218.1</u>

 RefSeq Size:
 2188 bp

 RefSeq ORF:
 633 bp

 Locus ID:
 3621

 UniProt ID:
 Q9UK53

Cytogenetics: 13q34

Protein Families: Druggable Genome, Transcription Factors

MW: 31.9 kDa

Gene Summary: This gene encodes a tumor suppressor protein that can induce cell growth arrest and

apoptosis. The encoded protein is a nuclear protein that physically interacts with the tumor

suppressor protein TP53 and is a component of the p53 signaling pathway. Reduced expression and rearrangement of this gene have been detected in various cancers. Multiple

alternatively spliced transcript variants encoding distinct isoforms have been reported.

[provided by RefSeq, Jul 2008]