

Product datasheet for RC211435L3

AZI2 (NM_022461) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: AZI2 (NM_022461) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: AZI2

Synonyms: AZ2; NAP1; TILP

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(RC211435).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_022461

ORF Size: 1176 bp



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AZI2 (NM_022461) Human Tagged Lenti ORF Clone - RC211435L3

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 022461.2</u>

 RefSeq Size:
 3113 bp

 RefSeq ORF:
 1179 bp

 Locus ID:
 64343

 UniProt ID:
 Q9H6S1

Protein Pathways: RIG-I-like receptor signaling pathway

3p24.1

MW: 44.8 kDa

Cytogenetics:

Gene Summary: AZI2, or NAP1, contributes to the activation of NFKB (see MIM 164011)-dependent gene

expression by activating IKK-related kinases, such as NAK (TBK1; MIM 604834) (Fujita et al.,

2003 [PubMed 14560022]).[supplied by OMIM, Mar 2008]