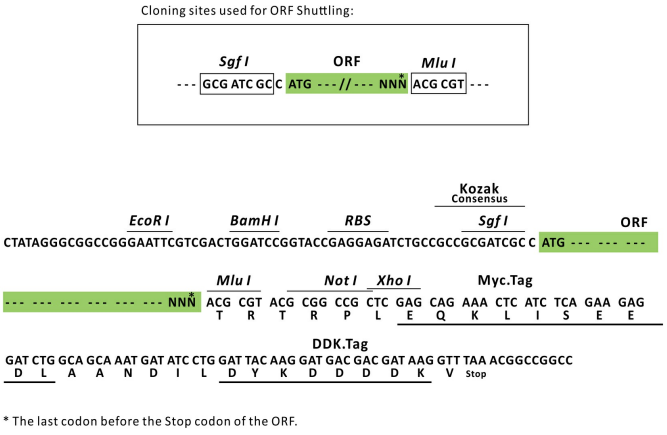
OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC211435L1

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 Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211435).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

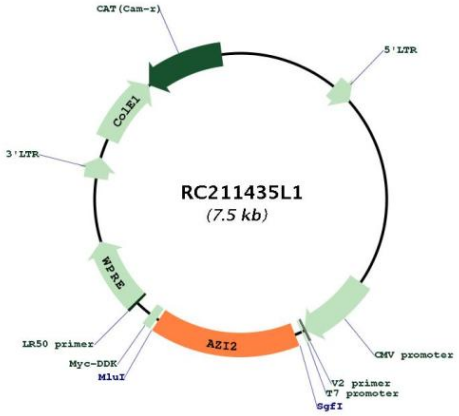


ACCN:	NM_022461
ORF Size:	1176 bp

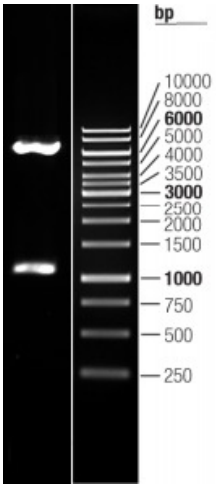
View online »

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_022461.2
RefSeq Size:	3113 bp
RefSeq ORF:	1179 bp
Locus ID:	64343
UniProt ID:	Q9H6S1
Cytogenetics:	3p24.1
Protein Pathways:	RIG-I-like receptor signaling pathway
MW:	44.8 kDa
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]

Product images:



Circular map for RC211435L1



Double digestion of RC211435L1 using SgfI-MluI