

Product datasheet for RC221020L1

OriGene Technologies, Inc.

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IRAK1BP1 (NM_001010844) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: IRAK1BP1 (NM_001010844) Human Tagged Lenti ORF Clone

Tag:Myc-DDKSymbol:IRAK1BP1

Synonyms: AIP70; SIMPL

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

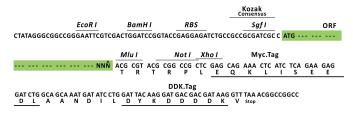
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC221020).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001010844

ORF Size: 780 bp





IRAK1BP1 (NM_001010844) Human Tagged Lenti ORF Clone - RC221020L1

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 001010844.1</u>

 RefSeq Size:
 3464 bp

 RefSeq ORF:
 783 bp

 Locus ID:
 134728

 UniProt ID:
 Q5VVH5

 Cytogenetics:
 6q14.1

Protein Families: Druggable Genome

MW: 29.1 kDa

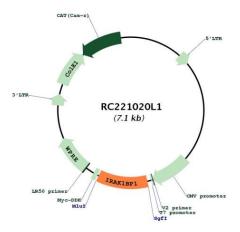
Gene Summary: Component of the IRAK1-dependent TNFRSF1A signaling pathway that leads to NF-kappa-B

activation and is required for cell survival. Acts by enhancing RELA transcriptional activity (By

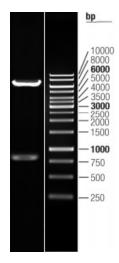
similarity).[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for RC221020L1



Double digestion of RC221020L1 using Sgfl and Mlul