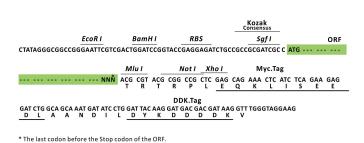


Product datasheet for RC201981L3

ABCE1 (NM_001040876) Human Tagged Lenti ORF Clone

Product data:

| Product Type: | Expression Plasmids |
|------------------------------|--|
| Product Name: | ABCE1 (NM_001040876) Human Tagged Lenti ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | ABCE1 |
| Synonyms: | ABC38; OABP; RLI; RLI1; RNASEL1; RNASELI; RNS4I |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| E. coli Selection: | Chloramphenicol (34 ug/mL) |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC201981). |
| Restriction Sites: | Sgfl-Mlul |
| Cloning Scheme: | |
| | Cloning sites used for ORF Shuttling: |
| | Sgfi ORF Mlul |



--- GCG ATC GC ATG --- // --- NNN ACG CGT ---

ACCN: NM_001040876 ORF Size: 1797 bp



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OriGene Technologies, Inc.

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| ABCE1 (NM_001040876) Human Tagged Lenti ORF Clone – RC201981L3 | |
|--|---|
| 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. <u>More info</u> |
| 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: | Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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 001040876.1</u> |
| RefSeq Size: | 4191 bp |
| RefSeq ORF: | 1800 bp |
| Locus ID: | 6059 |
| UniProt ID: | <u>P61221</u> |
| Cytogenetics: | 4q31.21 |
| Protein Families: | Druggable Genome |
| MW: | 67.3 kDa |
| Gene Summary: | The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the OABP subfamily. Alternatively referred to as the RNase L inhibitor, this protein functions to block the activity of ribonuclease L. Activation of ribonuclease L leads to inhibition of protein synthesis in the 2-5A/RNase L system, the central pathway for viral interferon action. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008] |

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