

Product datasheet for SC331162

DATF1 (DIDO1) (NM_001193369) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | DATF1 (DIDO1) (NM_001193369) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | DIDO1 |
| Synonyms: | BYE1; C20orf158; DATF-1; DATF1; DIDO2; DIDO3; DIO-1; DIO1; dj885L7.8 |
| Vector: | pCMV6-Entry (PS100001) |
| Fully Sequenced ORF: | >SC331162 representing NM_001193369. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

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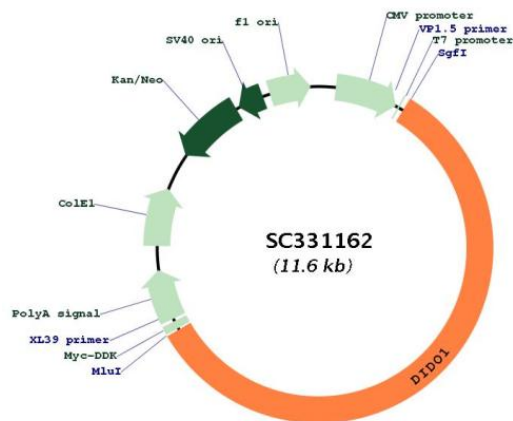
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Restriction Sites:

SgfI-MluI

Plasmid Map:

ACCN: NM_001193369

Insert Size: 6723 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001193369.1](#)

RefSeq Size: 8548 bp

RefSeq ORF: 6723 bp

Locus ID: 11083

UniProt ID: [Q9BTC0](#)

Cytogenetics: 20q13.33

Protein Families: Druggable Genome, Transcription Factors

MW: 243.9 kDa

Gene Summary: Apoptosis, a major form of cell death, is an efficient mechanism for eliminating unwanted cells and is of central importance for development and homeostasis in metazoan animals. In mice, the death inducer-oblierator-1 gene is upregulated by apoptotic signals and encodes a cytoplasmic protein that translocates to the nucleus upon apoptotic signal activation. When overexpressed, the mouse protein induced apoptosis in cell lines growing in vitro. This gene is similar to the mouse gene and therefore is thought to be involved in apoptosis. Alternatively spliced transcripts have been found for this gene, encoding multiple isoforms. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (5) contains a different segment for its 5' UTR, compared to variant 4. Variants 4 and 5 encode the same protein (isoform c).