

Product datasheet for RC203886L3

OriGene Technologies, Inc.

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c20orf72 (MGME1) (NM_052865) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: c20orf72 (MGME1) (NM_052865) Human Tagged Lenti ORF Clone

Tag: Myc-DDK Symbol: c20orf72

Synonyms: bA504H3.4; C20orf72; DDK1; MTDPS11

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

Sequence:

The ORF insert of this clone is exactly the same as(RC203886).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_052865

ORF Size: 1032 bp





c20orf72 (MGME1) (NM_052865) Human Tagged Lenti ORF Clone - RC203886L3

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 052865.2</u>

 RefSeq Size:
 2142 bp

 RefSeq ORF:
 1035 bp

 Locus ID:
 92667

 UniProt ID:
 Q9BQP7

 Cytogenetics:
 20p11.23

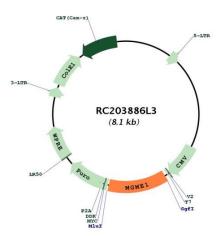
MW: 39.4 kDa

Gene Summary: The protein encoded by this gene is a nuclear-encoded mitochondrial protein necessary for

the maintenance of mitochondrial genome synthesis. The encoded protein is a RecB-type exonuclease and primarily cleaves single-stranded DNA. Defects in this gene have been associated with mitochondrial DNA depletion syndrome-11. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2015]



Product images:



Circular map for RC203886L3