

Product datasheet for RC200264L1

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

MSF (SEPT9) (NM_006640) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: MSF (SEPT9) (NM 006640) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: MSF

Synonyms: AF17q25; MSF; MSF1; NAPB; PNUTL4; SEPT9; SeptD1; SINT1

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(RC200264).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_006640

ORF Size: 1704 bp



MSF (SEPT9) (NM_006640) Human Tagged Lenti ORF Clone - RC200264L1

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 006640.3</u>, <u>NP 006631.1</u>

 RefSeq Size:
 4469 bp

 RefSeq ORF:
 1707 bp

 Locus ID:
 10801

 UniProt ID:
 Q9UHD8

Cytogenetics: 17q25.3

Domains: GTP CDC

Protein Families: Druggable Genome

MW: 63.6 kDa

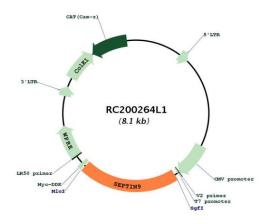
Gene Summary: This gene is a member of the septin family involved in cytokinesis and cell cycle control. This

gene is a candidate for the ovarian tumor suppressor gene. Mutations in this gene cause hereditary neuralgic amyotrophy, also known as neuritis with brachial predilection. A chromosomal translocation involving this gene on chromosome 17 and the MLL gene on chromosome 11 results in acute myelomonocytic leukemia. Multiple alternatively spliced transcript variants encoding different isoforms have been described.[provided by RefSeq, Mar

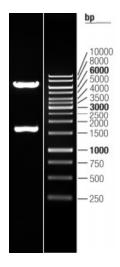
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Product images:



Circular map for RC200264L1



Double digestion of RC200264L1 using Sgfl and Mlul