

Product datasheet for **RC225675L4V**

MSF (SEPT9) (NM_001113494) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | MSF (SEPT9) (NM_001113494) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | MSF |
| Synonyms: | AF17q25; MSF; MSF1; NAPB; PNUTL4; SEPT9; SeptD1; SINT1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001113494 |
| ORF Size: | 1266 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC225675). |
| 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. |
| RefSeq: | NM_001113494.1 , NP_001106966.1 |
| RefSeq Size: | 3951 bp |
| RefSeq ORF: | 1269 bp |
| Locus ID: | 10801 |
| UniProt ID: | Q9UHD8 |
| Cytogenetics: | 17q25.3 |
| Protein Families: | Druggable Genome |
| MW: | 47.5 kDa |



[View online »](#)

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 2009]