

Product datasheet for RC229352L3

MST1 (NM_020998) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: MST1 (NM_020998) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: MST1

Synonyms: D3F15S2; DNF15S2; HGFL; MSP; NF15S2

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

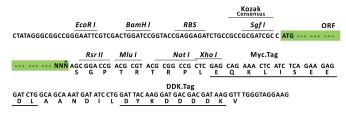
The ORF insert of this clone is exactly the same as(RC229352). **ORF Nucleotide**

Sgfl-RsrII

Sequence:

Restriction Sites: Cloning Scheme:





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

ACCN: NM_020998

ORF Size: 2175 bp



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



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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 020998.3</u>, <u>NP 066278.3</u>

 RefSeq ORF:
 2178 bp

 Locus ID:
 4485

 UniProt ID:
 P26927

 Cytogenetics:
 3p21.31

Domains: KR, Tryp_SPc, PAN, PAN_AP

Protein Families: Druggable Genome

MW: 78.4 kDa

Gene Summary: The protein encoded by this gene contains four kringle domains and a serine protease

domain, similar to that found in hepatic growth factor. Despite the presence of the serine protease domain, the encoded protein may not have any proteolytic activity. The receptor for this protein is RON tyrosine kinase, which upon activation stimulates ciliary motility of ciliated epithelial lung cells. This protein is secreted and cleaved to form an alpha chain and a beta

chain bridged by disulfide bonds. [provided by RefSeq, Jan 2010]