

Product datasheet for RC207706L4

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MAST4 (NM_198828) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: MAST4 (NM_198828) Human Tagged Lenti ORF Clone

Tag:mGFPSymbol:MAST4

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

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

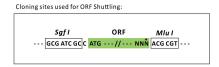
ORF Nucleotide

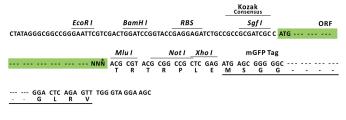
The ORF insert of this clone is exactly the same as(RC207706).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





* The last codon before the Stop codon of the ORF.

ACCN: NM_198828

ORF Size: 750 bp



MAST4 (NM_198828) Human Tagged Lenti ORF Clone - RC207706L4

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 198828.1</u>

 RefSeq Size:
 1105 bp

 RefSeq ORF:
 753 bp

 Locus ID:
 375449

 UniProt ID:
 015021

 Cytogenetics:
 5q12.3

Protein Families: Druggable Genome, Protein Kinase

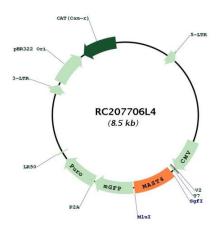
MW: 25.5 kDa

Gene Summary: This gene encodes a member of the microtubule-associated serine/threonine protein kinases.

The proteins in this family contain a domain that gives the kinase the ability to determine its own scaffold to control the effects of their kinase activities. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2014]



Product images:



Circular map for RC207706L4