

Product datasheet for RC203659L2

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STMN3 (NM_015894) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: STMN3 (NM 015894) Human Tagged Lenti ORF Clone

Tag:mGFPSymbol:STMN3Synonyms:SCLIP

Selection:

Mammalian Cell

Vector: pLenti-C-mGFP (PS100071)

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

None

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC203659).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_015894

ORF Size: 540 bp





STMN3 (NM_015894) Human Tagged Lenti ORF Clone - RC203659L2

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 015894.2</u>

 RefSeq Size:
 2441 bp

 RefSeq ORF:
 543 bp

 Locus ID:
 50861

 UniProt ID:
 Q9NZ72

Cytogenetics: 20q13.33

MW: 21 kDa

Gene Summary: This gene encodes a protein which is a member of the stathmin protein family. Members of

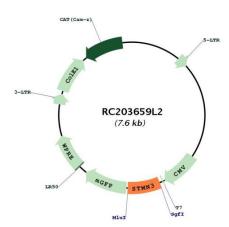
this protein family form a complex with tubulins at a ratio of 2 tubulins for each stathmin protein. Microtubules require the ordered assembly of alpha- and beta-tubulins, and formation of a complex with stathmin disrupts microtubule formation and function. A

pseudogene of this gene is located on chromosome 22. Alternative splicing results in multiple

transcript variants. [provided by RefSeq, Jan 2013]



Product images:



Circular map for RC203659L2