

Product datasheet for RC202099L4

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MOCS3 (NM_014484) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: MOCS3 (NM_014484) Human Tagged Lenti ORF Clone

Tag: mGFP
Symbol: MOCS3
Synonyms: UBA4

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(RC202099).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_014484

ORF Size: 1380 bp





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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.

Druggable Genome

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 014484.3</u>

 RefSeq Size:
 2458 bp

 RefSeq ORF:
 1383 bp

 Locus ID:
 27304

 UniProt ID:
 095396

Cytogenetics: 20q13.13

MW: 49.5 kDa

Protein Families:

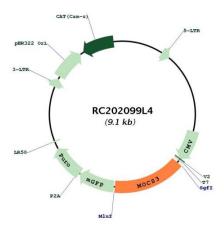
Gene Summary: Molybdenum cofactor (MoCo) is necessary for the function of all molybdoenzymes. The

protein encoded by this gene adenylates and activates molybdopterin synthase, an enzyme required for biosynthesis of MoCo. This gene contains no introns. A pseudogene of this gene

is present on chromosome 14. [provided by RefSeq, Nov 2012]



Product images:



Circular map for RC202099L4